GUERNSEY BREEDERS' JOURNAL

.... Issued Semi-Monthly by the American Guernsey Cattle Club and Devoted to the Advancement of the Guernsey ....

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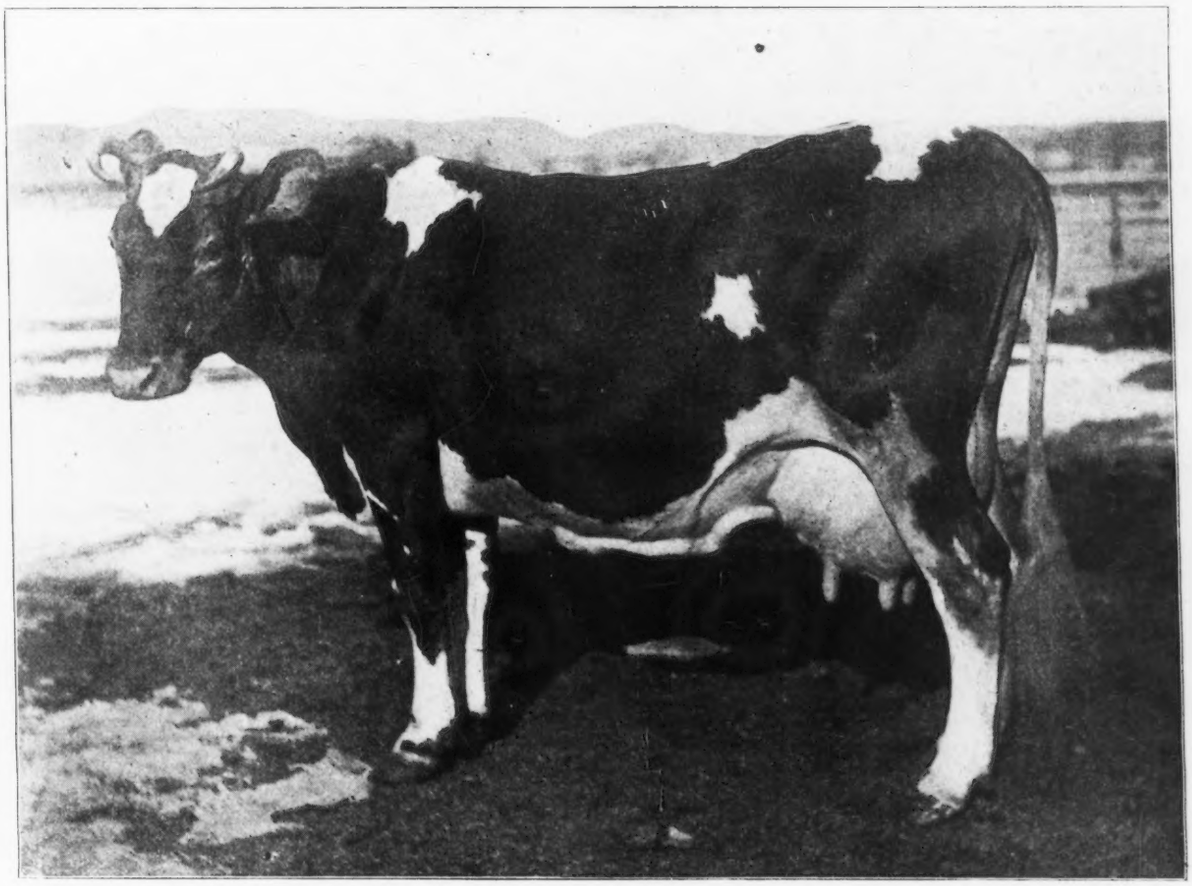


ENDYMION'S PRIMROSE 23795, A. R. 1229

Records: Class G. 7134.60 lbs. milk; 394.42 lbs. fat
Class C. 12214.00 lbs. milk; 656.71 lbs. fat
Class A. 17767.00 lbs. milk; 845.88 lbs. fat

Sire—Endymion 8916 A. R. Dam—Primrose of Salem 12524, A. R. 216
Breeder—H. D. Griswold, West Salem, Wis. Sold March 1st, 1916, to William B. Tousey, Syracuse, N. Y.

(See article on page 70)

Picture on Cover—NOBLESSE 12960. Owned by James M. Codman, Brookline, Mass.

Guernsey Breeders' Journal

The Official Publication of the Breed

Published on the 1st and 15th of Every Month by

The American Guernsey Cattle Club

Subscription, $2.00 a year

Designed to Promote and Advance the Interests of the Guernsey

Editorial Comment

Announcements.

Indiana Guernsey Breeders' Association meeting will be held at South Bend, Indiana, August 10th. W. Monroe Schlosser, Frankfort, Indiana, Secretary.

The Otsego County Guernsey Breeders' Association will hold their annual picnic at the farm of M. G. Keenan, Oneonta New York, July 28th. M. H. Packer, Milford, New York, Secretary.

Tompkins County Guernsey Breeders' Association will hold their summer meeting at Ithaca, New York, July 29th.

Glen Farm Sale of Guernsey cattle, Clydesdale and carriage horses to be held at South Portsmouth, Rhode Island, July 25th. Leander F. Herrick, Worcester, Mass. Manager.

Langwater Farms Sale of Guernseys to be held at North Easton, Mass., October 10th. Leander F. Herrick, Worcester, Mass., Manager.

Waukesha County Guernsey Breeders' Association Annual Sale of pure bred Guernseys to be held November 1st and a grade cow and pure bred bull sale to be held November 2nd at Waukesha, Wisconsin. Frank E. Fox, Waukesha, Wisconsin, Secretary.

A New Guernsey Paper.

We have recently received a copy of the new Guernsey paper edited by Earl Roberts of Oconomowoc, Wisconsin, and published by Lew F. Mahoney of Merton, Wisconsin. This paper is to be known as "The Western Guernsey Breeder." It will appear monthly the first issue being dated June 1st. We wish the best of success to attend the new Guernsey publication.

More Importations.

We announced in our issue of two weeks ago that 309 head of Guernseys had come to the United States recently. On July 10th we received notice from the Quarantine Station at Athenia, New Jersey, that fifty-nine Guernseys had just arrived, consigned to F. S. Peer of Cranford, New Jersey, and twenty head consigned to W. W. Marsh of Waterloo, Iowa.

It is encouraging to note that the Island is again an added source from which the demand for Guernseys, which many breeders declare is at present better than it has ever been in the past, can now be partially supplied.

The Glen Farm Sale

The catalogue of the Glen Farm sale of Guernseys, which is to be held at Newport, R. I. on Tuesday, July 25th, shows that a splended selection from this famous herd has been made for this event. This herd achieved a great reputation under the management of the late Mr. William Barclay, and many of the animals to be sold represent his best efforts as a breeder.

No less than three of the progeny of Glenanaar of the Glen 23619 A. R. 1907 are entered. This great cow occupies second place in class B. for milk production, having produced 16,813.10 lbs. milk and 780.66 lbs. of fat on her Advanced Register test. One of the great dairy cows in the sale and one of the highest testing cows that has ever been offered at auction, is Pearl Maiden of the Glen 23622 A. R. 1211 who produced 14,591.10 lbs. milk, 695.73 lbs. fat on her re-entry test. Florham Golden Lad 18119, a son of Couleur's Sheet Anchor 13499 A. R. out of the great cow Golden Lassie of Paxtang 24696 A. R. 1377 is represented by a splended lot of young things which are sure to attract a great deal of attention. Among the bulls to be sold is Ben Hur of the Glen 18007 whose dam is Phillipina of the Glen 12778 A. R. 542. This great cow won the White Springs Farm Cup for the produce of cow at the New York State Fair 1908 and has a re-entry record of 14,916.50 lbs. milk, 702.05 lbs. fat In 14 years she has produced 113,414.50 lbs. milk.

We note that eight of the Glen Farm Clydesdales will be sold at the same time.

Mr. Leander F. Herrick of Worcester, Mass., will have charge of the sale and catalogues may be obtained by writing to him.

Our Recent Western Trip.

We have realized from the amount and character of the work that has come into the office during the last few months that there has been a material increase in the interest taken in the Guernsey cow.

On a recent two week's trip mainly in the states of Minnesota and North Dakota, we were very much impressed by the surprisingly increasing number of fawn and white animals to be seen along route.

The importance of a better grade of dairy products for the consuming public is being more widely recognized every day and the value of the Guernsey to produce this class of dairy products is also becoming better known. Even where herds of dairy cattle have been kept and where the blood of other breeds has been more prominent, an ever increasing per cent. of Guernsey grades are in evidence.

That the Guernsey bull is winning the battle against the scrub cow was never more strikingly illustrated than at the recent Guernsey breeders' meetings in Minnesota and North Dakota. The dairymen around Albert Lea, Minnesota, in the use of the Guernsey sire, showed his influence to be truly remarkable. We found on some of these farms some worthy sons of the most noted Guernsey bulls and the type of cows resulting from their use was very striking. That the Guernsey grade is the cow with which the dairyman can best improve his herd is beyond question and especially is this true throughout the Northwest.

Waukesha County Grade Cow and Pure Bred Bull Sale.

The Waukesha County Guernsey Breeders' Association realizing the ever increasing importance of the Guernsey grade in the advance of dairying will in the fall make it possible for the public to buy a large number of grade cows and excellent bulls to head grade herds at their own prices. They have set aside November second as the day when they shall offer to the public the pick of the grade cows and large number of pure bred Guernsey sires in the county.

This day following their annual sale of pure bred females on November first will doubtless prove to be aonther progressive step in the advance of this already highly organized community, and shows plainly that Waukesha County is alive to the needs of the dairy public.

MARSH CHALLENGE CUP

Awarded to Champion Guernsey Cow at National Dairy Show

SPECIAL TROPHIES AND PRIZES

Special Conditions Regarding all Trophies. All trophies offered in the Guernsey classes are given under the conditions that they shall be held by the winners until one month before the next corresponding Fair, when they shall be returned to the Secretary of the Fair to be again competed for; the trophy to become the permanent property of the person winning it twice.

Trophies for Premier Breeders.

These trophies will go to the exhibitor winning the most monied premiums in the several classes with animals bred by himself. Given by the American Guernsey Cattle Club at:—

Ohio State Fair, Columbus, Ohio. August 28-31.

New England Fair, Worcester, Mass. September 4-7.

Vermont State Fair, White River Junction, Vt. September 11-16.

Brockton Fair, Brockton, Mass. October 3-6.

$100 in Cash Prizes will be Given by The American Guernsey Cattle Club at

California State Fair, Sacramento, Calif. September 2-9.

Nebraska State Fair, Lincoln, Neb. September 4-9.

Spokane Inter-State Fair, Spokane, Wash. September 4-9.

Kentucky State Dairy Show, Louisville, Ky. September 11-16.

Southwestern Dairy Show, Kansas City, Mo. September 18-25.

Oregon State Fair, Salem, Oregon. September 25-30.

Tri-State Fair and Exposition, Memphis, Tenn. September 26 to October 5.

Virginia State Fair, Richmond, Va. October 9-14.

Pacific International Live Stock Exposition, Portland, Oregon. December 4-9.

National Western Stock Show, Denver, Colo. January 20, 1917.

At the above shows the $100.00 will be divided as follows:

	1st Prize	2d Prize	3d Prize
Get of Sire	$10.00	$7.50	$5.00
Produce of Cow	10.00	7.50	5.00
Breeder's Young Herd	10.00	7.50	5.00
Exhibitor's Herd	10.00	7.50	5.00

Best Cow in show having an Advanced Register record, $10.00.

Middlesex South Agricultural Society, Framingham, Mass

September 20, 21 and 22.

Given by The American Guernsey Cattle Club. $100.00 divided as follows:—

	1st Prize	2d Prize	3d Prize
Get of Sire	$10.00	$7.50	$5.00
Produce of Cow	10.00	7.50	5.00
Breeder's Young Herd	10.00	7.50	5.00
Exhibitor's Herd	10.00	7.50	5.00

Best Cow in show having an Advanced Register record, $10.00.

A special trophy known as the Grassland Farm Cup will be given for the best Advanced Register cow in the show.

Waterloo Dairy Congress, Waterloo, Iowa.

September 27—October 3

The American Guernsey Cattle Club offers $300.00 divided as follows:—

Aged Bull	$10.00	$7.50	$6.00	$4.00
Aged Cow	10.00	7.50	6.00	4.00
Cow having official yearly record begun at 5 years or over	9.00	6.00	4.00	2.50
Cow having official yearly record begun at 2 years, under five	9.00	6.00	4.00	2.50
Exhibitor's Herd	$12.50	$10.00	$7.50	$5.00
Breeder's Young Herd	10.00	7.50	5.00	4.00
Calf Herd	10.00	7.50	5.00	4.00
Get of Sire	12.50	10.00	7.50	5.00
Produce of Cow	10.00	7.50	5.00	3.50
Advanced Register Cow with Progeny	9.00	6.00	4.00	2.50
Dairy Herd	9.00	6.00	4.00	2.50

In addition $10.00 will be given to the champion cow if she has an Advanced Register record.

National Dairy Show, Springfield, Mass.

October 12-21

There follow the special premiums given by The American Guernsey Cattle Club at the National Dairy Show:—

Aged Bull	$35.00	$30.00	$20.00	$10.00	$7.00	$5.00
Aged Cow	35.00	30.00	20.00	10.00	7.00	5.00
Cow, having official yearly record begun at 5 years or over	35.00	30.00	20.00	10.00	7.00	5.00
Cow, having official yearly record begun under the age of 5 years	30.00	25.00	15.00	10.00	7.00	5.00
Exhibitor's Herd, to consist of bull 2 years old or over; cow, 3 years old or over; heifer, 2 and under 3 years; heifer, 1 and under 2, and heifer under 1 year	35.00	25.00	15.00	10.00	7.00	5.00
Breeder's Young Herd to consist of bull under 2 years old; two heifers, 1 year and under 2; two heifers under 1 year. Females to be bred by exhibitor	35.00	25.00	20.00	15.00	10.00	5.00
Breeder's Calf Herd to consist of one bull and four females, all under 1 year old	30.00	20.00	15.00	10.00	7.00	5.00
Groups						
Get of one sire, four animals of either sex	30.00	20.00	15.00	10.00	7.00	5.00
Produce of one cow, two animals of either sex	25.00	20.00	15.00	10.00	7.00	5.00
A. R. Cow to be shown with two of her progeny, all to be owned by exhibitor	25.00	20.00	15.00	10.00	7.00	5.00

In addition ,$50.00 will be given to the exhibitor of the best Advanced Register Guernsey cow shown.

The following trophies are also given:

A special trophy for Advanced Register cow exhibited with progeny.

A special trophy for Produce of Cow.

A trophy for the Student s Judging Team making the highest average in judging Guernseys. Three individual Trophies for the members of the above team.

Marsh Trophy

Presented by Wilbur W. Marsh to The American Guernsey Cattle Club, to be awarded to the Champion cow of the breed at the National Dairy Show yearly until won three times by the same exhibitor.

Briarbank Farm Trophy

Given by W. T. Barbour for Get of Sire at the National Dairy Show. Same to be given under the conditions that it be held by the winner until one month before the next corresponding show, when it shall be returned to the Secretary of the Fair to be again competed for; the Trophy to become the permanent property of the person winning twice.

Maple Farm Cup.

Given by Charles D. Ettinger to The American Guernsey Cattle Club to be awarded at the National Dairy Show to the best two year old heifer bred by the exhibitor.

SCOTT FARM, Brattleboro, Vt.

F. Holbrook, Prop. E. C. Tenney, Mgr.

The Calf--From Its Conception to a Yearling

An Address--Including Discussion--Delivered by Dr. J. F. De Vine Before the New York State Guernsey Breeders' Association, May 9th, 1916

THE subject assigned to me by your president and advisory committee is an important one, and I have no doubt that, aside from possibly a purely scientific discussion of the question, there are many in the audience who could do the subject more justice than I can. The man who actually has to do things, the man that has the personal supervision and worriment of a large herd, the man that has to supervise the thorough cleansing of the pails, the proper quanitity of milk for the new born calf until it is old enough to thrive on a grain ration, is the man that could give you some valuable information on the care of the calf.

The only possible advantage I might lay claim to in a discussion of this character, aside from owning a small herd of pure breds and always having more or less to do with farm animals, is that my veterinary training brings to me a considerable experience from the other fellow's troubles. While all of you have more or less trouble with your young stock it falls to my lot to hear, advise and help with the troubles of hundreds of you each year and, therefore, it is possible that in twenty years of practicing veterinary medicine I may have gathered some information from others that may help some of you here.

You will note that on your program it reads "The Calf from Its Conception to a Yearling;" and, while we could not do justice to the principles of breeding without a lengthy discussion, still it is very important that we clearly understand, and put into practice, some essentials that might be termed sanitary and physiological principles from the time of the conception until the time of parturition, which are quite as important as the care of the calf from the time of its birth to a yearling.

If we were to make fine dividing lines we should even begin with the calf before its conception, since, as you know the word "Conception" means the fecundation of the female ovum by the male element, consequently it is very necessary to guard against the concomitant infection not only of the sire and dam, but also the embryo in the uterine cavity which is to carry and nourish it, either through the diseased genital organs of the male or the reproductive organs of the female.

We cannot expect a diseased uterus to properly nourish and carry to the full period of gestation a well nourished and well developed calf; neither can we expect a healthy uterus or generative tract of the female to remain healthy and perform its functions if the sire's generative organs do not receive the sanitary treatment that extensive breeding has made necessary to guard against the bovine venereal diseases that are so prevalent today.

The interest in pure bred cattle has made wonderful strides during the past one or two decades and, as is true with any other branch of animal industry, maladies and annoyances have kept pace with the increase of pure bred cattle.

This is quite explainable in the case of, for instance, tuberculosis, where the traffic in cattle and the feeding of unpastuerized by-products from creameries have spread this scourge as surely and as widely as if a sower had gone out with his bag on his shoulder and scattered it to the four winds. With this malady one diseased animal placed in a healthy herd serves as a nucleus to contaminate and infect a large majority of that herd and a member or several members of that herd going to another herd contaminate it and so we have an endless chain. Similarly the cow with a tuberculous udder infected the entire milk supply of one dairyman. This milk was dumped into the vat at the creamery with other batches, and skim milk drawn out and taken home to feed the heifer which, in due time, developed a tuberculous udder to contaminate more milk to feed more calves.

This serious situation did not receive much attention until some fifteen years ago, and even then the question of suppression and correction was ridiculed by many, and, while I am half ashamed to admit it, it is nevertheless true, that bills seeking to correct these abuses, particularly the one pertaining to the compulsory pasteurization of creamery by-products, has for several years been defeated in the legislative halls of our own state, and while we hoped it would surely be placed on the statute books this year it has again been defeated by those who pose as the friend of the farmer.

While we, who have had the interest of animal husbandry at heart, have been bending every effort to control and suppress tuberculosis among cattle, infectious swine diseases among hogs, and rabies among all animals, our pure bred cattle men have been knocking at the doors for knowledge and saying to us "There are scourges among our cattle; that unless something is done to prevent their progress they will prove a greater menace to us than tuberculosis has ever been, even with all its seriousness."

These scourges referred to are what we term, for want of a better name, contagious abortion, white scours or infectious scours in calves. Prof. Williams has wisely said, that in his judgment, these two diseases have a strong relationship, and I would go one step further and add that a large percentage of all our udder trouble is associated with these infections of the generative organs, whatever they may be. In order to cope successfully with the phenomenon that brings about diseased ovaries, metritis, infections mamitis, gangrenous mamitis, etc., we must begin before conception. We must either select our animals from a herd where there is a herd record kept showing that they are free from these scourges as well as from tuberculosis, so far as can be determined by the application of our present knowledge for the detection of these diseases, or we must, if we are to be successful breeders, apply every known sanitary precaution, examination and test to determine that our breeding animals are healthy before we mate them. If the female generative organs are not healthy then they should receive proper attention under veterinary supervision before a valuable sire is allowed to cover such an animal at the risk of either contamination or infection, and even in herds where there is no possible evidence for suspicion it is carelessness and bad management to allow a male animal to do service without flushing of the prepuce with a mild antiseptic both before and after service, Assuming then that we have two healthy animals satisfactorily mated, it is needless to tell this intelligent audience how important it is to see that the mother

is properly nourished from the time of conception to the time of parturition if we are to have our calves come into the world strong and healthy and desirable. If intelligent care and feeding is put into practice, and the animal freshens in a clean, uninfected stall we need have little concern as to the so-called white scours or the complications that so often occur with it.

You will recall that in treating contagious abortion a few years ago great attention was given to methylene blue. Others whose opinion was entitled to some weight doubted the wisdom of any sanitation in the way of douching or particular care of the genital tract of the cow.

Mr. Van Alstyne, in 1912, prepared a New York sanitary dairy bulletin of the dairy industry of the state, and asked me to write an article on bovine abortion. Notwithstanding that others were saying that douching and sanitation were practically useless, my experience had convinced me to the contrary. I quote the following extract from that bulletin:

"You will find claim of wide systematic distribution and internal antiseptic properties of methylene blue set forth in the bulletin by Dr. Rich. Still it is the writer's opinion that our lack of sufficient evidence of its merit, coupled with the fact that according to our present knowledge that the Bang bacillus is located in the walls of the uterus, and that the blood stream is not a natural habitat for this organism any more than it is for certain other diseases, such as tuberculosis; also the fact that there seems to be considerable diversity of opinion among authorities as to whether or not it is possible for any medicinal agent given by the mouth to act as a germicide in the intestinal tract or upon any mucous membrane, or that any such drugs can make the blood more germicidal than it is normally, would not warrant the abandonment of such methods as have proved fairly satisfactory and reliable in the control of thus scourge, even if the older methods are more laborious.

"The writer has had occasion to give advice where contagious abortion has appeared in several large herds with no uncertain violence. In such cases for several years past it has been our custom to follow out practically the methods here quoted as recommended by the Department of Agriculture in their recent bulletin; and the immediate abatement in all herds and the positive cessation of abortion in others, where in some cases several animals had aborted weekly up to the beginning of the treatment, leaves no question in the writer's mind as to the merit of this method of control."

In connection with that I want to cite two rather important cases that I have been called in consultation on rather recently.

A large dairy herd of several hundred milking cows where they had more or less abortion were stricken rather suddenly with a violent outbreak of so-called white scours. They had lost at the time I went to the farm about thirty calves. I suggested that we begin by giving the cow treatment, rather than to wait for the calf. And naturally one would ask on what did you base your opinion? If you will review some of the latest text books they will tell you that the probable source of contagion in the calf with white scours is either in the uteral or in the vaginal tract, or by the broken cord coming in contact with an infected stall when delivered. They have never mentioned, so far as I know, one of the most important sources of contagion, but it is my opinion, and I have so stated before, that there is still another important way in which a calf may become infected, and that is through the digestive tract, by its mouth coming in contact with the infected parts of the cow shortly after birth, when searching about for the mamma or taking into its digestive tract milk which has become infected in the udder (through the teats as they become filled, and the sphincter dilated), through contact with infected stalls or vaginal discharges.

To prove the contention of that in this particulr case we prepared the cow; we established a routine of treatment for the animals in advanced pregnancy; every animal within a month of calving was douched daily with a mild warm solution of permanganate of potash, and all the external genitals, hindquarters and udder thoroughly scrubbed with soap and water. This was kept up to within about a week of freshening when the animal received an additional scrubbing of the entire body. A maternity stall was then prepared, by thoroughly disinfecting and liming the floor where she was housed until she freshened, the douching being continued each day until she had freshened, and from one to three times after freshening, depending on the character and amount of discharge following birth, with the result that the scours of the calf ceased immediately.

The offspring of any cow that had had treatment for four days before she calved did not develop white scours, and no particular attention was paid to the calf other than to keep it clean, and the udder milked out a little and kept scrupulously clean so long as there was any discharge to infect it.

I contend that the discharges from the vaginal tract infect the stalls, slime the tail and get into the udder and poison the calf. You may have the same source infecting a cow's udder, we often have it in isolated cases.

Another outbreak differing in its character which I had occasion to treat recently, in Northern Orange county, may also be of interest to some of you owing to the fact that not only the life of the fœtus was involved, but also the dam. I will recite the history of this outbreak in order to again substantiate my belief in the virtue of sanitation.

The owner called up one morning and said that he had some six or seven cows to freshen recently; that the calves had died, apparently of white scours, and that they had lost three of the cows, and all of the calves, and that the udders of two cows that had freshened within the past three days were apparently affected the same as those that died. I went to the farm at once and one of the cows was already dead, and the other one died during the day. Both of those animals had gangrenous mammitis, thus making a total of five cows and their calves within two weeks.

We began the same treatment as I have outlined, properly prepared a section of the barn for the balance of the cows to freshen in; we scrubbed the cows that were most advanced, began douching and treating the vaginal tract, where I considered the source of contagion lay. One cow freshened the next day; the calf lived two days and then died. This cow has since made a record of 31 pounds. We saved the udder, cow and calf in the next sixteen instances of freshening.

I simply recite these two cases to emphasize the fact that our conditions, our exchange of cattle, our exchange of service bulls, our unusual conditions that have been coming along with this movement of livestock, particularly the dairy breeds, has brought to us the same conditions that we find when we congest or bring together in great numbers any kinds of animals. You cannot even raise guinea pigs in great quantities and confined without contagions developing, which become more virulent unless you take precautions.

If we are going to be successful in our dairy interests with our breeding cattle we must apply the sanitary principles that will save our offspring and maintain the health of the mother. This also applies to the bull, who, as already stated, should always be douched.

You have all heard of the fellow who received a telegram that his mother-in-law was dead, and wanting him to wire back whether she was to be buried or cremated. He wired

back to do both and take no chances. That is the way with your bull, before and after service, take no chances.

You may talk about legislating, about honesty, and about health rules, but there is nothing to it. These problems are not for the veterinarian, or for the health officers, or for the legislature. They are your own individual problems, and they are for you to solve. Our knowledge is pretty thorough on the control of tuberculosis; likewise on the control of hog cholera, but we have not been paying enough attention to the breeding diseases.

I hope the bill that has been endorsed here today will become a law so we will get the money for Dr. Williams to help to investigate these diseases, but in the meantime you should apply every principle known for guarding against infection of your pure bred cattle. If you do not it means ruin to you and you not only lose the calf but lose the future breeding qualities and there will also be a loss in production of milk.

We have now touched upon the unusual conditions, but perhaps we ought to discuss briefly what we might term every day occurrences with particular reference to the care of the calf in its infancy. The feeding of the calf may be summed up fairly accurately in observing a few simple rules. Clean feeding utensils, regularity, underfeeding rather than overfeeding.

As a matter of fact breeders of pure bred dairy animals today are doing everything for the cow and nothing for the calf. Some men will even argue that they cannot afford to let the calf nurse the cow a few days as it retards her preparation in getting her in shape for test for high records; other men will tell you they can raise as good a calf on skim milk as they can on whole milk, and attempt to justify their doctrine by stating that the calf does as well, but may not look as well. In other words, the half starved looking horse is fine, fat and nourished only he doesn't look so.

I take it that most of you read the article in the paper where that noted authority, Dr. Jacobi, stated that the baby that lived and did well the first week usually causes little concern.

It is common knowledge, men, that every time you attempt to do something that is unnatural in animal life it leads you into trouble more or less.

I know some of you will stamp it as rank heresy when I state that, in order to get the best results, with the Channel Island breeds, we will have to keep closer to nature, and allow the calf to nurse its mother for more than 24 hours, allowing it to nurse small quantities several times a day until it is at least a week old, and thereby not interrupt, but rather encourage, the physiological functions of its digestive tract.

We know that after a calf has nursed its mother several days it is more difficult for a day or two to teach it to drink from the pail, but such time is well spent. When you begin to hand-feed it see to it that it is fed regularly of milk at the same temperature and in quantities proprotional to its size and age, increasing the quantity carefully. Feed whole milk just as long as you can afford it, up to the age of three months at least, if possible.

When you find that you have overfed it, which may be manifested either by bloating, dullness or scouring, reduce your quantity, and do not resort to the ridiculous practice some do of substituting the same quantity of skim milk. The fat of the milk is more digestible than the casein.

In the problems of caring for the calves there is no set rule that I, or any other man, can lay down. My friend, Dr. Craig, asked me the other day "How long would you feed whole milk to the calf?" My reply was: "The best I can say to you, Doctor, is as long as you can afford it." He wanted to know how much to feed a calf. I replied: "Just about what I thought it would stand; no more." These are not very satisfactory answers, but, I tell you, gentlemen, you cannot figure it out mathematically.

Here in this room I see three men whose calves I am now treating for digestive troubles. None of their troubles are quite alike. One man's calves are plainly overfed; another's had been drinking chilled water, and now have catarrhal enteritis as a result. Another's are starving to death because the caretaker thought he was overfeeding them and, instead of reducing the quantity of whole milk, he reduced the quantity and substituted skim milk. He meant well, but skim milk will not make a calf grow when he needs carbo-hydrates and fats.

Dr. Russell: Dr. Williams told me that his experience of late indicated that one of the greatest sources of control for all these troubles was that the calf should have boiled milk from the beginning, and I was wondering whether you would give boiled milk.

Dr. Devine: I do not give boiled milk where I have a clean herd, or where I have taken the precaution to have the udder clean, as it should be, and where we can keep them free from contagion; but where we have bowel trouble I recommend boiled milk. To illustrate my contention on that, I have a little preparation which we put out for calf scours, and, as Dr. Craig and others know, it reads on the directions that the milk must be boiled. But I find no occasion to boil milk when the cows are properly prepared and where their udders are in good condition, but where there may be danger of contamination we boil the milk.

Mr. Van Alstyne: Isn't it a fact that sometimes boiled milk will disturb the digestive organs?

Dr. DeVine: Yes, sir. I know of one particularly large dairy that satisfied me that boiled milk disturbed either the chemical or physiological properties so that, as a result, we had many broken legs and backs. The nutrition of the bone was interfered with. Where you have an infected digestive tract, however, boiled milk will do as much to help as anything I know of.

Mr. Hopkins: Isn't boiled milk hard for the calf to digest?

Dr. DeVine: I think so. From experience in herds of from 40 to 100 head I have seen conditions which convinced me that boiled milk is not as good as clean healthy milk for calves.

Mr. Hopkins: How about pasteurized milk?

Dr. DeVine: At a right temperature, and held long enough to destroy the disease producing organisms, it is quite safe.

Mr. Hopkins: It is safe, and it does not alter its condition.

Dr. DeVine: It is quite true, I think, and it is claimed so by authorities, that it does not affect its character.

Dr. Russell: Dr. William's point is that this infection is carried quite as often to the calf through the milk as from the other sources that you have mentioned.

Dr. Devine: I have talked to him on that proposition, and I know his view; but I believe if the udder is clean so that the milk is not contaminated the milk is quite fit to feed the calf; but if you have dairy conditions and udders soiled with vaginal discharge the milk is infected and it is best to have the milk boiled.

Dr. Russell: How do you do this douching?

Dr. Devine: Fix up any sort of an apparatus you like, in the way of a pail and funnel; but if you wish to invest $10.00 it would be money well spent, if you have a herd of any size, to purchase a pump and tube. It will last a life time. With a pail of warm water and an antiseptic a man and a boy can do the work rapidly.

Dr. Russell: What is the proportion?

Dr. DeVine: A small half teaspoonful of permanganate of potash to a gallon of water. The way we do is to have a boy or man to take a pail and go along and start say at one end, you may have a bucket large enough to hold two gallons,—sometimes we have buckets made specially which hold several gallons; have your water tepid, pull the cow's tail to one side and insert the rubber tube six or seven inches; the force of the pump will do the flushing; give two or three strokes of the pump and you will find it fills the vaginal tract and flows out. That is enough. You have covered the vaginal tract and the parts. Walk to the next cow and give her the same treatment, and so on.

Dr. Craig: Do you wash the hind quarters, the hind parts of the cow?

Dr. DeVine: After you have finished douching you may dispense with one man, if you wish. The other can wash the hind quarters and udder which also disinfects the rear of the stall and the gutters.

Mr. Van Alstyne: Isn't there danger of too liberal a dose and poisoning the cow, or of her retaining some of the douche?

Dr. DeVine: There would be no danger of absorption if she absorbed all you put into her, if the proportion of your mixture is correct.

Mr. Van Alstyne: Then the danger is in overstrong solution?

Dr. DeVine: That is it. Too strong a solution causes burning or irritating.

Mr. Van Alstyne: I have had a cow that dried up as a result of douching.

Dr. DeVine: You had your proportion too strong, probably.

Mr. Wilbur: What do you think of Lugol's solution?

Dr. Devine: It is good, but I have had better results from permanganate of potash. I saw a herd near Walden last Sunday, which had been treated for over three weeks with Lugol's solution and, instead of checking the discharge or allaying the irritation, they told me that there were possibly fifty per cent. of the twenty-one cows whose discharge was thicker and more increased than the day when they began with Lugol's solution.

Dr. Russell: You douche the cow before she comes in?

Dr. DeVine: You may douche every cow before she comes in. To illustrate, supposing you have a cow that aborts; that cow should be douched every day until the time there is absolutely no discharge, after that continue the douching every other day. Let that cow go three or four months before you breed her; she will probably come in season three or four times. The time when she is in season is the time to douche her,—because then the probabilities are you will get the solution into the diseased uterus. Douche her right up to the day she is bred, but do not douche her the day she is bred, for antiseptics are deadly to the male spern. The next day, however, and for a week or two after that or until the uterus becomes sealed, the douching should be continued—also before she freshens again.

A Member: Do you use the same douche for douching the bull?

Dr. DeVine: Yes, sir; the same douche.

A Member: If you have a cow that aborted would you douche the others?

Dr. Devine: Yes, as a matter of precaution.

A Member: How long before?

Dr. Devine: A matter of at least a week or two before freshening, and again after, as I stated a minute ago.

Mr. Tarbell: Where there has been no abortion in your herd do you recommend the douching?

Dr. Devine: No, sir. I don't think it necessary in such herds—except to douche the bull. I would never use a bull without douching. You cannot tell whether there is any hidden contagion there or not.

Mr. Tarbell: If the bull is not used out of your own herd?

Dr. DeVine: I would douche the bull just the same, on general principles. It is not much trouble, and might be of great value, even though not apparent.

Mr. Royce: How about vaginitis?

Dr. Devine: You probably refer to granular venereal disease.

Mr. Royce Yes.

Dr. DeVine: Where you have that associated with other troubles you will be forced to take care of it just the same as has been described. We have not had any tangible evidence that I have ever seen where granular venereal disease is an independent disease causing any trouble. I have never yet been called in consultation or had experience in my own private practice where this disease was dissociated with anything else.

Dr. Craig: The same douche will clear that trouble up for you at any time?

Dr. DeVine: It will clear up the troubles associated with granular venereal disorders. You will often find granular cases without any other trouble associated with them so far as I have been able to see.

Mr. Blandy: What you call cystic ovaries are the result of this?

Dr. DeVine: I think cystic ovaries are associated in some cases with this. You may have matritis, and that will extend up the Fallopian tubes, etc.; but from our statistics and from experience I believe that other diseases more commonly cause cystic ovaries; but it is possible that cystic ovaries may be the result also of this venereal disease.

Mr. Hopkins: Has any bacteriological work been done on this subject?

Dr. DeVine: Dr. Williams has at his disposal a splendid laboratory and they have done good work.

Mr. Hopkins: But have not been able to find the cause?

Dr. DeVine: I do not believe they have come to any definite conclusion as to the cause of this cycle of ailments that seem so closely related.

A Member: In the cases you spoke of, will you tell me what became of the afterbirth?

Mr. Hopkins: How long do you consider it normal to wait for an afterbirth?

Dr. DeVine: If everything is normal, the cow should freshen in half an hour or an hour, and she should get rid of the membrane right away. The cow should clean normally within an hour, or within twenty minutes sometimes; but I would not attempt to do anything in the way of removing an afterbirth in less than twenty-four hours.

Here is another question: In case a cow has a pair of twins one a heifer and one a bull, will either one of these calves breed?

Dr. DeVine: The probabilities are that your heifer will never breed. The reason for this is that her uterus and ovaries are absent. The vagina ends in a blind sac.

A Member: But the bull will be a breeder?

Dr. DeVine: Yes, and occasionally the female breeds.

A Member: I would like to ask how one is going to keep from breeding a neighbor's cow?

Dr. DeVine: Say no, and stick to it.

Mr. Klahs: Sell them a bull calf. That is what we do in our neighborhood.

A Member: Tell us what we are going to do with the cow that does not get in calf after she has been properly treated. Should she be opened?

Dr. DeVine: You cannot open a cow very much. If here is any dilation, it is normal. As a matter of fact a

cow is not like a mare. In a mare you can pass several fingers in the neck of the womb when she is in heat, but you will do well if you get a lead pencil into a cow when she is ready to breed. The question of having the neck of the womb opened is commendible, to know that there is nothing to obstruct the passage of the semen into the uterus, but the thing you will find most, if you will have a veterinarian examine the animal, is that you will either have diseased ovaries or a diseased womb. If you have diseased ovaries or cystic ovaries of fair size, there is a possibility of crushing those cysts, which is very simple, by putting your hand in and drawing the ovary down the vaginal wall and crushing it. If this is repeated in those particular cases we usually get a large percentage of the animals to breed. Some will not. Others you may find will have a thickened uterine wall, and you will not be very successful unless your veterinarian is near you so he can cleanse that out and treat it. Dr. Williams, by the way, has perfected an excellent arrangement for that. It consists of some little metal tubes, and he claims that by prolonged douching you can sooth those inflamed membranes. If your veterinarian finds that the trouble is not cystic ovaries, but that the animal has a disease of the womb, the probabilities are that you may as well give her up. But if there are diseased ovaries, have them massaged and have the cysts crushed. If there is, as we occasionally find, a growth in the vagina that interferes with the service proper, that is very simply removed. If you do do not find those conditions the probabilities are, if you have a little patience and breed the heifer regularly you will succeed in having her conceive.

Dr. Craig: Are you a firm believer in disinfecting the naval cord after birth?

Dr. DeVine: On general principles, I would, irrespective of trouble, because there is danger.

Dr. Craig: Tincture of iodine?

Dr. DeVine: Yes; or chloride of mercury.

Dr. Craig: Don't you think that is a very sensible thing?

Dr. DeVine: Yes, I do, on general principles of sanitation. The man who does those things, and does them systematically and regularly is the man who will be the most successful. It is the fellow who takes the trouble to do things that succeeds anyhow.

Mr. Wilbur: Does the normal temperature of a calf differ from the normal temperature of a cow?

Dr. DeVine: Yes. A calf really has no normal temperature. A calf that is milk-fed and particularly on a hot day, it is not uncommon to see it go up to 104½, and then the next day it would be down to 101½.

Mr. Wilbur: Will 106 kill it?

Dr. DeVine: No. The temperature will not kill it. It will depend on what is back of him.

A Member: How often should you feed calves?

Dr. DeVine: I feed mine three times a day.

Mr. Klahs: Did you ever have a calf cough up sort of a green bile and have scours at the same time?

Dr. DeVine: That could happen and it is very likely then that you have some trouble with the liver or bile duct.

Mr. Klahs: Would that be caused by indigestion of some sort or another?

Dr. DeVine: Yes. It is just the same as the human. You could have the same trouble.

A Member: What about a series of cases where you have no apparent digestive trouble, but after from two to three months of feeding normally one will hear a blat in the barn and the calf seems to have gone crazy.

Dr. DeVine: And die in a little while?

A Member: He may live 48 hours or he may live fifteen minutes. You may find some digestive disarrangement when you open him up?

Dr. DeVine: But not enough to warrant the sudden death. But that calf has always done well; he is one of the best you had. He has not been sick at all and he is apparently in fine condition; is that not so. From what you state I believe the trouble acute indigestion. It coincides with the history we get in such cases.

A Member: Do they froth at the mouth and act as if they had a fit.?

Dr. DeVine: Yes.

Mr. Hopkins: Are you likely to overfeed a calf, when you feed them skim milk with bran?

Dr. DeVine: How old?

Mr. Hopkins: About a month old.

Dr. DeVine: You could overfeed it, but you are not apt to. If they are good and hardy, they may drink too much. Ordinarily you would not give it too much, but you surely can overfeed.

A Member: How old should a calf be before it is allowed to drink all the cold water it wants?

Dr. DeVine: Get your calves accustomed to it at the time they are taking milk. At our little dairy we keep a pail of water before them all the time and in that way they do not drink too much.

Mr. Hopkins: How long do you think it is necessary to keep on feeding a calf milk?

Dr. DeVine: I should feed a calf milk as long as I could afford it. I have one six months old and she is getting all we can spare of it. I kept her on whole milk until she was five months old. Six weeks gives them a pretty good start.

Dr. Craig: That would lead into a nice question, whether advocating the calf suckling the dam four or five or six weeks, what effect that would have in bringing the uterine in the cow down to its proper condition, and would it benefit the cow?

Dr. DeVine: They claim it is more natural, and you, of course, know it is going back to nature and has an advantage.

Dr. Craig: Therefore, it is an advantage?

Dr. Devine: Yes, sir. That is what they claim.

Some one brought up the question, I think it was Mr. Blandy, of putting off breeding your animals so long. We know, as a matter of fact, we who have had experience with horses, we want our mares to be regular breeders, we must breed them on the ninth day, and every time we let them skip, we will have more trouble getting them to breed.

A Member: Can you tell me this: For instance, when a cow that just finished an Advanced Register test, in fact, she was only dried off about two or three weeks before she had her calf, and when she had her calf she made no bag. There was no abortion.

Dr. DeVine: You mean this was a good cow, milked right up to calving, and after freshing she did not make udder?

A Member: Yes.

Dr. DeVine: The probabilities are she did not freshen in very good condition.

A Member: We had to help the calf.

Dr. DeVine: And the cow herself was not strong?

A Member: Yes. She was very strong and fit.

Dr. DeVine: Then I would judge that lack of proper rest to prepare for another lactation period.

A Member: The calf was very small. In fact, it did not get up for three days and it breathed like it was suffocated, but now the calf seems to be all right. The cow is coming to her milk, but she is not giving more than three or four quarts.

De. DeVine: Was there a discharge?

A Member: She is discharging since.

Dr. DeVine: Where your cows are milked so long and milked down thin and do not freshen strong, they do not have time to recuperate.

(Continued on Page 75)

ENDYMION'S PRIMROSE 23795, A. R. 1229

Produced 17767 Pounds of Milk and 845.88 Pounds of Butter Fat

The Work of a Great Cow That Has Three Official Records

(See Picture on Title Page)

THE Guernsey cow, Endymion s Primrose 23795, A. R. 1229, has recently completed her third Advanced Register record of 17767.00 pounds of milk and 845.88 pounds of butter fat, which is one of the larger records that has been made by the Guernsey breed in Wisconsin.

This cow was born October 23rd, 1907, and bred by H. D. Griswold of West Salem, Wisconsin. Her sire, Endymion 9816, A. R. was the grand champion bull at the National Dairy Show in 1907 and is the sire of thirteen Advanced Register daughters, most of which made very good records as heifers. Both his sire and dam—Guydette 3966 A. R. and Lindenora 12754, A. R. 711—are in the Advanced Register, Guydette 3966, having sired three Advanced Register sons and five Advanced Register daughters whose records average 576 pounds of fat.

The dam of Endymion's Primrose 23795 is Primrose of Salem 12524, A. R. 216, which in class D. produced 8862.50 pounds of milk and 500.63 pounds of butter fat Her sire and dam were also Advanced Register animals, her dam, Primrose s Tricksey 7236, A R. 2, having produced a record in class A of 9277.00 pounds of milk and 508.00 pounds of butter fat. She appears also in the list of Great Producing Dams, having had two Advanced Register sons and one Advanced Register daughter.

Thus one may see that Endymion s Primrose 23795, A. R. 1229, was bred for production on both sides for many generation. As one can readily discern from the picture, on the title page, she is a large frame cow of strictly dairy type. Her ancestors also possessed this dairy temperament to a large degree.

Endymion s Primrose 23795, A. R. 1229, dropped her first calf, at the age of two years, in November 1909. She was put on test, and carrying a calf eight months, produced in the following year 7134.60 pounds of milk and 394.42 pounds of butter fat. During this record she was milked but twice a day and ran with the herd in pasture throughout the summer. Her next calf appeared in January 1911, and her third in November, 1911. At her third calving she was again placed on test when she produced 12214.00 pounds of milk and 656.71 pounds of butter fat, carrying a calf seven months. This record was also made running with the herd and the cow was milked but twice a day during the greater portion of her lactation period.

She dropped her sixth calf in February, 1915, when she was placed on test for the record that she has recently completed. At this time she was eight years old and had been dry for six weeks previous to calving. At calving time she developed a serious case of milk fever and was unable to get on her feet for two days. This caused her to lose considereble flesh and it was over a month before her condition became normal and she could be fed for a large production. She was put on test, however, and milked from fifty to sixty-three pounds, averaging over fifty pounds a day for the first eight months of her record. She was bred about four months before the close of her record and has always been a very regular breeder as the number of her progeny mentioned above would designate. She was never fed a very large grain ration. It averaged from twelve to sixteen pounds a day. She was milked by three or four different milkers but these changes did not seem to make any difference in her production. She enjoyed the comfort of a box stall during a large portion of her record, and besides her grain ration, which consisted of ground corn, ground oats, bran, oil-meal, gluten and Distillers' Grains, she consumed about thirty-five pounds of silage per day together with a large amount of alfalfa and clover hay. Until recently she had been owned since birth, and all records have been made at Snowdoun Farm, West Salem, Wisconsin. On March 1st, 1916, shortly after completing her last record, she was purchased by William B. Tousey of Syracuse, New York. The details of her breeding and production record are as follows:

Sire—Endymion 8916, A. R.
Sire—Guydette 3966, A R.
Dam—Lindenora 12754, A. R. 711.

Dam—Primrose of Salem, 12524, A. R. 216.
Sire—Sir Fantine 4416, A. R.
Dam—Primrose's Tricksey 7236, A. R. 2.

Breeder H. D. Griswold, West Salem, Wis.

Owner H. D. Griswold, West Salem, Wis.

Born Oct. 23, 1907. Calved Feb. 8, 1915.

Official year's record: 17767.00 lbs. milk; 845.88 lbs. butter fat.

Supervised under one day test by Wisconsin Agricultural Experiment Station.

		Milk			Butter Fat	
Feb.	1915	680.30	lbs.	4.13%	28.10	lbs.
Mar.	"	1724.50	"	4.13%	71.22	"
Apr.	"	1673.80	"	4.39%	73.48	"
May	"	1776.20	"	4.32%	76.73	"
June	"	1710.80	"	4.60%	78.70	"
July	'	1620.90	"	4.55%	73.75	"
Aug.	"	1559.80	"	4.76%	74.25	"
Sept.	"	1413.10	"	5.18%	73.20	'
Oct.	"	1324.70	"	5.24%	69.41	'
Nov.	"	1234.60	"	5.22%	64.45	"
Dec.	"	1316.80	"	5.05%	66.50	"
Jan.	1916	1210.70	'	5.55%	67.19	"
Feb.	"	520.80	"	5.55%	28.90	"
Total		17767.00	lbs.	4.76 Av. %	845.88	lbs.

DEVELOP INDIVIDUALS TO DEVELOP BREED

Address by George P. Grout, Before the Winona County Guernsey Breeders' Association

IT'S the individual that counts, not the breed as a whole. Make every individual measure up to the scales and the Babcock test, and you may develop the proper individual from any one of a number of breeds."

This was the essence of George P. Grout's lecture on dairy cattle at the opera house in Lewiston, Minnesota, Thursday evening, March 2, 1916. Mr. Grout is managing owner of the Jean Du Luth Farms at Duluth, Minnesota. He is also an official judge of dairy stock, and one of the best authorities on dairying in the United States. Mr. Grout came here at the request of the Winona County Guernsey Breeders' Association.

The dairy expert's lecture was illustrated by over sixty stereopticon slides showing dairy cattle of all breeds and a number of farm scenes. The herd of Guernseys at the Jean Du Luth Farms is the champion Guernsey herd of the state, and although his talk centered considerably around this kind of stock, the message he brought to dairymen here was a valuable one to the breeder of any kind of dairy stock.

Dealing specifically with the Guernseys, Mr. Grout's advice was that it is easier to increase a grade herd's production by increasing the test than it is to increase the milk flow. The Guernsey as a breed, he said, gives milk of high test.

"This friendly rivalry between breeders of different kinds of stock forms an excellent incentive to raise the standards of animal husbandry," said the speaker, "but it should not go farther than the friendly rivalry. The fact that one cow holds a record does not prove that her breed is best, but it does prove that she is an excellent individual, and excellent individuals may be developed from a number of breeds. Don't try to pick out the best breeds. Pick out the breed you like the best, and then spend all your time, study and effort in developing the best possible individuals from your herd.

GEORGE P. GROUT, Duluth, Minn.

"One of the best ways of doing this is to buy a pure bred sire. You cannot get one that is too good. He will increase the production of your herd rapidly and cheaply, no matter what his cost. For the man who does not feel that he can afford to buy a herd of pure bred cows, this is the best and most effective procedure.

"Make a study of feeding and caring for the animals. A herd will not develop itself. It takes study, persistence, brains and ingenuity—and not a little experimenting. And the dairyman must choose carefully the sire for his herd, and the cows he keeps for milkers. The records and pedigrees must, of course, be given the proper attention."

By means of a chart thrown on the screen, Mr. Grout showed the audience how to trace an animal's pedigree. He then showed a number of types of dairy cattle. There were a number of breeds, and some were good cows, others poor ones. He showed the dairyman how to pick the flaws in a cow's form, and how to find the points that make a cow valuable. He pointed out plainly the difference between the beef and the dairy cow. In dairy breeds, he said that there were certain physical details that were always to be distinguished. The heart girth,—the depth from a point on the back just behind the shoulder to a point just behind the front leg,—is one of the most important of these points. This indicates constitution, and the heart girth cannot be too long, according to Mr. Grout. Some of the other physical details that determine a good dairy cow are: a straight back line, from the shoulder to the tail; well chiseled shoulders with a thin, graceful neck; well defined milk veins running to the udder—the more branches that can be seen running from the main vein, the more milk the cow is liable to give; long hollow space from the hip bone to the last rib; rounded, wide-spread ribs, a large well formed udder, extending well back—the bottom of the udder should be level, that is, the front teats should not be farther from the ground than the rear ones. One other point that was brought out was the number and ease in finding the "milk wells." The branches from the milk vein enter the abdomen along the sides. Where they enter the abdomen a slight depression may be felt. If these are well defined, the cow is pretty certain to be a valuable one—and she will have the other physical points also.

Mr. Grout gave something of the history of the Guernsey. The slides showed scenes in the Isle of Guernsey, off the coast of France, where the Guernseys come from. The entire Island covers only a few square miles. Other slides showed the Guernseys in England and in the United States. Mr. Grout gave the records and pointed out the physical points of merit in each of these.

But the lecture was not entirely on cattle. Mr. Grout is a strong advocate of the "back to the farm" movement, and he urged that farmers make farm life attractive for their sons and daughters. The children must be shown that farm life is preferable, and they must be accorded pleasures and recreations that only the farm can give. One picture showed Mr. Grout's children in a neat pony cart, drawn by two ponies in tandem.

Mr. Grout classified cattle as being of three types, the dairy stock, the beef stock and the "half and half" kind. He did not linger in any description of the latter variety, but he urged the farmers to breed for results, not only in dairy cattle, but in the beef variety as well, and this advice is no

(Continued on Page 77)

English Guernsey Cattle Society Records

Made in Accordance with the Society Rules and Regulations

The following is a list of records completed during the year ending May 1st, 1916. It includes the numbers from 128 to 190. A list of the earlier records, number 1 to 86 appeared in the JOURNAL for July, 1914, page 27, and numbers 87 to 127, August, 1915, page 49.

A.R No.	Names	H.B.No.	Milk Lbs.	Av. %	B.F. Lbs.	Wks. in Milk	Wks. in Calf	Qwners
	CLASS A. BEING ANIMALS 5 YEARS OLD AND OVER.							
128	Lady No. 102	9543	5891.85	4.91	289.28	44	33	Sir Henry F. Lennard
129	Iwerne Daisy 2nd	9038	5343.75	5.65	301.92	46	41	James D. Ismay
130	Ladock Quaker Maid	9539	6443.75	4.73	304.78	46	41	Rev. Canon S. R. Raffles-Flint
131	Undine 2nd	5019	9573.75	5.58	534.21	39	37	J. Damlyn Borrer
132	Stanstead Rose 11th	9202	7414.50	4.52	335.13	44	33	Spencer Trower
134	Donnington Honeymoon	7237	11059.00	5.29	585.02	51	31	D. C. Haldeman
135	Donnington Jane	8034	10020.50	5.04	541.10	44	36	J. F. Renmant M. P.
137	Citron Blossom 25th	6440	8972.75	5.25	471.06	52	33	F. Pratt Barlow
138	Polly of the Isles 10th	8206	7912.25	5.83	459.38	48	37.5	H. Fitzwalter Plumptre
139	Brittleware Stella	6077	9167.50	4.96	454.70	46	37.1	G. J. Oakey
140	Ladock Pride	6941	8182.50	5.04	441.85	48	34.4	Rev. Canon S. R. Raffles-Flint
141	Rosey 11th	7456	8521.00	5.13	437.13	46.5	35	H. Fitzwalter Plumptre
142	Hawkley Golden Rose	8542	8074.75	5.30	428.49	44.4	38.4	G. F. Ferrand
143	Ashburnham Amabel	7153	8495.25	4.08	407.77	42.6	34.5	H. Fitzwalter Plumptre
144	Nellie 2nd of the Echelle	8198	7448.25	5.44	405.18	42	38	W. H. N. Goschen
145	Brittleware Ivy	8375	6745.00	5.72	385.77	36.5	34.3	G. J. Oakey
146	Brittleware Maud	6791	7587.75	4.88	371.99	44	36.2	G. J. Oakey
147	Rose of Goodnestone 2nd	7854	8729.50	4.24	370.13	40	34	F. Pratt Barlow
148	Governs Daisy	8527	6672.50	5.54	369.65	38.4	32.5	Mrs. Jervoise
149	Ladock Beauty	8136	6628.00	5.53	366.48	41.2	37	Rev. Canon S. R. Raffles-Flint
150	Violet of Goodnestone	8294	6523.00	5.83	362.29	47.5	37.4	H. Fitzwalter Plumptre
	CLASS B. BEING ANIMALS 4 TO 5 YEARS OLD.							
151	Donnington Juno	8041	8729.25	4.90	427.72	42	38.5	H. Fitzwalter Plumptree
152	Muriel 34th	8669	7352.50	5.42	398.50	36.5	33	F. Pratt Barlow
153	Trequean Queen	9235	7819.50	4.65	363.59	50	38	Mrs. Jerboise
	CLASS C. BEING ANIMALS FROM 3½ TO 4 YEARS OLD.							
154	Donnington Muriel	8460	7512.25	5.10	383.12	43	32	Sir Henry F. Lennard, Bart.
155	Dewey May 8th	9394	7044.00	4.87	343.04	49	37	Mrs. Jervoise
156	Brittleware Jasmine	8860	4861.75	6.45	311.15	44	37	G. J. Oakey
	CLASS D. BEING ANIMALS FROM 3 TO 3½ YEARS OLD.							
157	Ladock Quaker Maid	9539	10145.05	5.24	531.59	52	34.2	Rev. Canon S. R. Raffles-Flint
158	Romana 49th	9659	8331.00	4.85	404.03	42.5	39.5	J. F. Remnant, M. P.
159	Fanny du Foulon 22nd	10013	7224.50	5.30	382.90	40	32	Mrs. Jervoise
160	Butterwort 9th	9342	6245.25	5.55	346.61	48.5	30	H. Fitzwalter Plumptre
161	Lady Muriel	9069	6179.25	4.98	308.96	42.6	34.4	H. Fitzwalter Plumptre
162	Governs Violet	9478	5339.25	5.70	304.33	52	35.6	G. H. Johnstone
163	Donnington Harriet 3rd	9410	5944.00	4.98	295.99	45	33	D. C. Haldeman
	CLASS E. BEING ANIMALS FROM 2½ TO 3 YEARS OLD.							
164	Belladonna 2nd of the Ponchez	9832	10110.75	4.83	488.34	52	39	G. F. Ferrand
165	Durrington Souffle	9427	8043.50	5.09	474.56	52	35	W. H. N. Goschen
166	Ladock Puritan	9538	9799.50	4.71	464.49	52	33.6	Rev. Canon S. R. Raffles-Flint
167	Flamboyante 2nd of the Pouqueleh	10018	7039.75	4.55	316.78	52	37.2	W. H. N. Goschen
168	Ladock Honey Dew	9536	5257.50	5.82	305.88	48.6	36	Mrs. Jervoise
169	Flossie of La Fontaine	10690	4941.00	5.94	293.47	41.3	37.2	John A. Kay

CLASS F. BEING ANIMALS FROM 2 YEARS OR UNDER TO 2½ YEARS OLD.

170	Ladock Princess Mary	10145	7830.75	5.42	424.42	52	34.5	Rev. Canon S. R. Raffles-Flint
171	Downe Romana 1st	9981	7428.00	5.58	414.49	48	34	D. C. Haldeman
172	Donnington Jill 2nd	9415	7240.50	5.27	381.57	40	31.1	Sir Henry F. Lennard, Bart.
173	Citron 26th	9252	7432.25	5.12	380.53	43.1	35	F. Pratt Barlow
174	Stanstead Rose 15th	10359	8453.00	4.50	380.38	52	32	D. C. Haldeman
175	Ladock Dimple	10144	6586.25	5.70	375.41	50	38	Rev. Canon S. R. Raffles-Flint
176	Wickham Fancy 4th	9780	6669.25	5.34	353.47	52	31.2	Sir Henry F. Lennard, Bart.
178	Rose of Goodnestone 4th	9673	6559.25	4.90	321.40	50.5	33.5	H. Fitzwalter Plumptre
179	Rose des Houards 63rd	10306	5603.25	5.65	316.58	48	37	F. Pratt Barlow
180	Downe Darling	10642	6416.00	4.88	313.12	44	36	D. C. Haldeman
181	Clatford Sonrisa	9904	6414.00	4.85	311.07	52	36.5	J. C. Forster
182	Lynchmere Florrie	9570	6424.75	4.68	300.67	52	31.4	H. Fitzwalter Plumptre
183	Lily 8th of Le Tertre	10169	5775.00	5.15	297.41	50.3	37.4	Mrs. Jervoise
184	Downe Princess	10654	5214.25	5.70	297.21	43	33	D. C. Haldeman
185	Lynchmere Lady Flora	10185	4920.75	5.82	286.38	40	37	F. Pratt Barlow
186	Brittleware Sweet Clover	9869	5001.25	5.68	284.07	43	32.4	G. J. Oakey
187	White Rose of Langley	9779	5389.50	5.20	280.25	52	35	H. J. King
189	Raymond's Bluebell of the Preel 3rd	10906	6106.50	4.40	268.69	44.1	37	John A. Kay
190	Lady Betty 2nd	10153	4936.00	5.31	262.12	38.2	35.3	T. R. Bolitho
	Average yield of all English A. R. Cows		7181.81	5.18	373.18			

Advanced Register Records from the Island

The following is a list of the Advanced Register records made on the Island of Guernsey including the A. R. numbers from 149 to 179. A list of the earlier numbers from 1 to 63 appeared in the JOURNAL for April 1914, page 50, and numbers 64 to 107, February, 1915, page 30, and numbers 108 to 148 June, 1915, page 38.

A.R No.	Names	H. B. No.		Age ys. dys.	Milk lbs.	Av. %	B. Fat lbs.	Owner
149	Desireta IV.	8787	P.S.	4.251	8193.25	6.13	502.00	Dorey & Co.
150	Duchess of Mont Plaisant	3718	F.S.	6.268	8818.25	5.60	493.76	E. F. Falla
151	Clara's Pride IV.	10823	P.S.	2.191	8402.00	5.06	425.24	E. P. Mahy
152	Queen II. of the Rouvets	8551	P.S.	5.73	11197.10	4.64	520.03	J. Alles Simon
153	Venus of the Vauxbelets	2858	F.S.	11.211	8136.01	4.98	405.08	L. Maisonneuve
154	Desireta V.	11151	P.S.	2.67	9309.75	4.72	439.72	J. N. Dorey
155	Flora of the Briquet IV.	10734	P.S.	2.253	10745.00	4.96	533.14	J. Le Page
156	Primrose Day	9468	P.S.	3.301	10541.09	4.79	504.93	E. Brehaut
157	Flossie III. of La Croisee	7908	P.S.	6.74	13662.20	5.07	692.22	J. H. Mahy
158	Lily II. of Les Pages	10963	P.S.	2.217	7597.50	5.42	411.72	C. Kitts
159	Topsy of the Douit	3021	F.S.	9.355	9581.60	5.19	497.45	N. Robilliard
160	Daisy des Padins	4005	F.S.	6.66	8948.00	4.75	424.80	Y. Lanoe
161	Brickfield Beauty II.	6527	P.S.	8.226	10913.69	5.52	602.59	E. A. Best
162	My Lady Mysore II.	6894	P.S.	7.357	9790.50	4.97	486.69	E. P. Mahy
163	My Lady Mysore III.	9287	P.S.	4.78	8938.50	4.84	432.39	E. P. Mahy
164	Braye Duchess II.	11053	P.S.	2.175	10523.50	4.46	469.47	C. Kitts
165	Braye Adafina	4916	F.S.	2.27	8472.50	4.85	410.85	C. Kitts
166	Floss III. of Les Reines	8064	P.S.	5.292	9953.75	4.87	485.16	C. Kitts
167	Queen des Ruettes	11418	P.S.	2.58	10280.25	5.40	555.02	Mrs. J. Naftel
168	Rowden II. of Vimiera	11430	P.S.	2.54	7371.99	4.90	360.94	F. Belloir
169	Golden Chance of Ashburton	4933	F.S.	2.245	8678.00	4.80	416.74	W. H. Foote
170	Yvonette	4163	F.S.		10903.25	4.57	497.79	C. Kitts
171	Chilcot's Rose of Gold	4763	F.S.	3.167	10314.25	5.29	545.97	C. Kitts
172	Lanoe's Maid	5774	P.S.	12.110	9024.25	4.90	442.97	Y. Lanoe
173	Certificate not issued							
174	Princess of the Braye	4357	F.S.	6.0	9167.25	4.74	434.46	C. Kitts
175	Queenie of Clovelly	4973	F.S.	2.183	8553.00	4.88	417.02	Rev. H. G. de C. Stevens Guille
176	Queen of La Ramee	3066	F.S.	10.79	9743.26	4.53	441.31	A. R. Tostevin
177	Mulberry of Bel Air	9689	P.S.	3.274	8892.00	4.39	390.32	Hon. C. R. Molesworth
178	Sarkie of Dixcart	4578	F.S.	5.183	7166.50	5.25	375.90	H. A. Stock
179	Certificate not issued							
	Average yield of all Island A. R. Cows				9442.00	4.97	469.50	

Advanced Register Records Completed and Approved to July 1st, 1916

These records are all made on the two day test basis except where especially noted.

Verona of Lakeview 49260, A. R. 4342, owned by Henry Rozema, Fremont, Mich. Record:—8699.00 lbs. milk; 470.38 lbs. b. f.. 3 yrs. 9 mos. old. (1 day test.)

Bell Queen of Briarbank 42873, A. R. 4343, owned by W. T. Barbour, Birmingham, Mich. Record:—7092.10 lbs. milk; 407.43 lbs. b. f. 2 yrs. 4 mos. old.

Henrietta of Clover Lawn 41756, A. R. 4344, owned by Charles E. Wirt, Lewiston, Minn. Record:—12190.80 lbs. milk; 509.71 lbs. b. f. 3 yrs. old. (1 day test.)

Mayflower of Linda Vista 42568, A. R. 4345, owned by Louis E. P. Smith, Holliston, Mass. Record:—9471.60 lbs. milk; 423.18 lbs. b. f. 2 yrs. 5 mos. old.

Buttercup of Upton Pyne 23850, A. R. 4346, owned by Percy R. Pyne, Bernardsville, N. J. Record:—12570.50 lbs. milk; 517.49. b. f. 7 yrs. 10 mos. old.

Dolly of Silverton 26006, A. R. 4347, owned by Mrs. H. C. Woolson, Thief River Falls, Minn. Record:—9818.90 lbs. milk; 505.23 lbs. b. f. 7 yrs. 4 mos. old. (1 day test.)

Imp. Melba IV. of les Blanc Bois 39312, A. R. 4348, owned by Walter P. Bliss, Bernardsville, N. J. Record:—12543.70 lbs. milk; 609.97 lbs. b. f. 4 yrs. 11 mos. old.

Reunion 41160, A. R. 4349, owned by Helendale Farms, Athens, Wis. Record:—10854.00 lbs. milk; 576.64 lbs. b. f. 3 yrs. 1 mo. old.

Florestine s Triumph 43846, A. R. 4350, owned by Helendale Farms, Athens, Wis. Record:—9550.60 lbs. milk; 551.04 lbs. b. f. 2 yrs. 5 mos. old.

Third Belle 43342, A. R. 4351, owned by Helendale Farms, Athens, Wis. Record:—9472.90 lbs. milk; 511.63 lbs. b. f. 2 yrs. 6 mos old.

Langwater Easter Lily 39269, A. R. 4352, owned by F. Lothrop Ames, North Easton, Mass. Record:—11074.90 lbs. milk; 541.23 lbs. b. f. 3 yrs. 4 mos. old.

Langwater Generous 41958, A. R. 4353, owned by F. Lothrop Ames, North Easton, Mass. Record:—11834.80 lbs. milk; 588.33 lbs. b. f. 2 yrs. 9 mos old.

Imp. Valinquet Rose V. 35793, A. R. 4354, owned by H. C. Adams, Algona, Iowa. Record:—8309.40 lbs. milk; 402.52 lbs. b. f. 5 yrs. 5 mos. old.

Irene V. of Cox Farms 45839, A. R. 4355, owned by Louis S. Cox, Lawrence, Mass. Record:—7371.00 lbs. milk; 370.37 lbs. bl f. 2 yrs. 5 mos. old.

Imp. Blonde of Sarnia 46545, A. R. 4356, owned by W. K. Coffin, Eau Claire ,Wis. Record:—6908.40 lbs. milk; 334.58 lbs. b. f. 3 yrs. 10 mos. old.

Midget of Ledyard 2d 57650, A. R. 4357, owned by F. P. Frazier, Ipswich, Mass. Record:—11556.00 lbs. milk; 531.32 lbs. b. f. 2 yrs. 1 mo. old.

Mary Stoddard of Fairfield Farm 20995, A. R. 4358, owned by F. P. Frazier, Ipswich, Mass. Record:—11956.50 lbs. milk; 577.22 lbs. b. f. 9 yrs. 1 mo. old.

Imp. Donnington Emerald 2d 45908, A. R. 4359, owned by F. P. Frazier, Ipswich, Mass. Record:—9077.10 lbs. milk; 501.14 lbs. b. f. 3 yrs. 6 mos. old.

Maxixe of Annandale 50876, A. R. 4360, owned by Moses Taylor, Mt. Kisco, N. Y. Record:—11927.00 lbs. milk; 621.85 lbs. f. 2 yrs. 2 mos. old.

Imp. Sunstar of Tristram Farm 52769, A. R. 4361, owned by W. K. Coffin, Eau Claire, Wis. Record:—8231.60 lbs. milk; 376.62 lbs. b. f. 2 yrs. 8 mos. old.

Imp. Laura of Tristram Farm 53726, A. R. 4362, owned by W. K. Coffin, Eau Claire, Wis. Record:—7083.60 lbs. milk; 375.78 b. f. 3 yrs. 1 mo. old.

Pallotta s Belle of Barrington 38472, A. R. 4363, owned by Frank Graham Thomson, Devon, Pa. Record:—11981.55 lbs. milk; 649.21 lbs. b. f. 3 yres. 5 mos. old.

Imp. Daisy of Mound City 52703, A. R. 4364, owned by Charles A. Wilkins, Platteville, Wis. Record:—10066.00 lbs. milk; 514.86 lbs. b. f. 2 yrs. 7 mos. old.

Imp. Elizabeth of St. Croix 46681, A. R. 4365, owned by Lloyd S. Rundell, Roberts, Wis. Record:—8389.00 lbs. milk; 360.33 lbs. b. f. 2 yrs. 1 mo. old. (1 day test)

Imp. Amelia of St. Croix 54108, A. R. 4366, owned by Lloyd S. Rundell, Roberts, Wis. Record:—8959.10 lbs. milk; 507.41 lbs. b. f. 2 yrs. 9 mos. old (1 day test.)

Queen of Edgewood 42991, A. R. 4367, owned by L. J. Byers & C. C.. Barnes, Coldwater, Mich. Record:—7197.50 lbs. milk; 362.35 lbs. b. f. 2 yrs. 2 mos. old.

Mignonette of Haddon 41151, A. R. 4368, owned by N. C. Dahl, South Haven, Mich. Record:—12309,70 lbs. milk; 474.94 lbs. b. f. 3 yrs. old.

Mota Ledyard 43557, A. R. 4369, owned by Cornell University, Ithaca, N. Y. Record:—6263.60 lbs. milk; 380.92 lbs., b. f. 2 yrs. 5 mos. old.

Gay Lad s Duchess 43296, A. R. 4370, owned by B. F. Sheridan, Fond du Lac, Wis. Record:—8356.70 lbs. milk; 380.00 lbs. b. f. 2 yrs. 2 mos. old. (1 day test)

Imp. Lady Jenny of St. Saviour s 44280, A. R. 4371, owned by Joseph I. France, Port Deposit, Md. Record:—9284.60 lbs. milk; 527.22 lbs. b. f. 2 yrs. 8 mos. old.

Imp. Peggie of le Manoir 44261, A. R. 4372, owned by Joseph I. France, Port Deposit, Md. Record:—9101.40 lbs. milk; 520.32 lbs. b. f. 3 yrs. 9 mos. old.

Thirty Thousand Six Hundred Twenty One 30621, A. R. 4373, owned by Est. George Mixter, Hardwick, Mass. Record:—8023.00 lbs. milk; 439.98 lbs. b. f. 8 yrs. 5 mos. old.

Thirty Thousand Eight Hundred Four 30804, A. R. 4374, owned by Est. George Mixter, Hardwick, Mass. Record:—7362.00 lbs. milk; 386.11 lbs b. f. 6 yrs. 11 mos. old.

Picotty of Mixter Farm 38523, A. R. 4375, owned by Est. George Mixter, Hardwick, Mass. Record:—11261.70 lbs. milk; 556.56 lbs. b. f. 5 yrs. 4 mos. old.

Mixter Glamour 48409, A. R. 4376, owned by Est. George Mixter, Hardwick, Mass. Record:—6273.60 lbs. milk; 345.66 b. f. 3 yrs. 3 mos. old.

Chief s Frieda 54265, A. R. 4377, owned by Est. George Mixter, Hardwick, Mass. Record:—11578.30 lbs. milk; 592.23 lbs. b. f. 2 yrs. 5 mos. old.

Atala of Indian Bridge 45043, A. R. 4378, owned by Edmund H. Sears, Wayland ,Mass. Record:—8793.40 lbs. milk; 447.83 lbs. b. f. 2 yrs. old.

Midget of Elderwood 46075, A. R. 4379, owned by Roy Burton, Wis. Record:—5448.50 lbs. milk; 337.04 lbs. b. f. 2 yrs. old.

Imp. Tulip of St. Croix 46688, A. R. 4380, owned by Roy Burton, Eagle, Wis. Record:—6338.30 lbs. milk; 284.53 lbs. b. f. 1 yr. 11 mos. old.

Northfield s Glengift Clara 34727, A. R. 4381, owned by L. D. Halsted, Birmingham, Mich. Record:—10210.30 lbs. milk; 471.92 lbs. b. f. 4 yrs. 1 mo. old.

Meranda Fernwood Girl 43188, A. R. 4382, owned by L. D. Halsted, Birmingham, Mich. Record:—8618.10 lbs. milk; 437.43 lbs. b. f. 2 yrs. 5 mos. old.

Mary Ware 44496, A. R. 4383, owned by M. T. Phillips, Pomeroy, Pa. Record:—6127.90 lbs. milk; 305.64 lbs. b. f. 2 yrs. 1 mo. old.

Royal's Pearl 45209, A. R. 4384, owned by M. T. Phillips, Pomeroy, Pa. Record:—11142.70 lbs. milk; 485.88 lbs. b. f. 2 yrs. 1 mo. old.

Katonah s Bluebell 37893, A. R. 4385, owned by George C. Stone, Twig, Minn. Record:—8328. 50 lbs. milk; 407.56 lbs. b. f. 3 yrs. 6 mos. old.

Katonah s Regina 42575, A. R. 4386, owned by George C. Stone, Twig, Minn. Record:—12154.50 lbs. milk; 513.87 lbs. b. f. 2. yrs. 5 mos. old.

Derilla's Pacific Queen 38420, A. R. 4387, owned by Albion L. Gile, Chinook, Wash. Record:—7778.60 lbs. milk; 402.06 lbs. b. f. 3 yrs. 3 mos. old. (1 day test)

Helen Gold 34817, A. R. 4388, owned by John S. Ames, North Easton, Mass. Record:—10003.60 lbs. milk; 483.74 lbs. b. f. 4 yrs. 2 mos.old.

Imp. Cheminante XI. 55221, A. R. 4389, owned by Walter H. Dupee, Santee, Cal. Record:—10033.80 lbs. milk; 424.43 lbs. b. f. 4 yrs. 2 mos. old.

Merry Dance of Riverside Farm 39200, A. R. 4390, owned by Walter H. Dupee, Santee, Cal. Record:—8729.10 lbs. milk; 438.41 lbs. b. f. 3 yrs. 1 mo. old.

Imp. Parson s Primrose IV. 53532, A. R. 4391, owned by Walter H. Dupee, Santee, Cal. Record:—11071.30 lbs. lbs. milk; 467.94 lbs. b. f. 5 yrs. 5 mos. old.

Girlie s Roxie of Birch Hil 34029, A. R. 4392, owned by Charles Nelson, Litchfield, Minn. Record:—7096.60 lbs. milk; 390.44. lbs. b. f. 4 yrs. 5 mos. old. (1 day test)

RE-ENTRIES.

Easton Belle 24201, A. R. 1132, Re-entry, owned by Louis E. P. Smith, Holliston, Mass. Record-—11320.90 lbs. milk; 500.29 lbs. b. f. 7. yrs. 4 mos. old.

Lady Archer of Pencoyd 28001, A. R. 2023, Re-entry, owned by T. W. & I .W. Roberts, Bala, Pa. Record:—12903.90 lbs. milk; 650.35 lbs. b. f. 5 yrs. 10 mos. old.

Nellie of Pomeroy 28311, A. R. 2603, Re-entry, owned by Charles E. Wirt, Lewiston, Minn. Record:—12436.00 lbs. milk; 750.42 lbs. b. f. 6 yrs. 4 mos. old. (1 day test)

Imp. Lady Gree VI. 40065, A. R. 2659, Re-entry, owned by Jean Du Luth Farm, Inc., Duluth, Minn. Record:—13747.30 lbs. milk; 710.12 lbs. b. f. 7 yrs. 9 mos. old.

King s Grace 34640, A. R. 2698, Re-entry, owned by S. M. Shoemaker, Eccleston, Md. Record:—11361.00 lbs. milk; 547.14 lbs. b. f. 4 yrs. 5 mos. old.

Miss of St. Louis 2d 32977, A .R. 2961, Re-entry, owned by Iowa State College, Ames, Iowa. Record:—11656.60 lbs. milk; 595.12 lbs. b. f. 4 yrs. 9 mos. old.

Moss Rose of Linda Vista 38013, A. R. 3430, Re-entry, owned by Louis E. P. Smith, Holliston, Mass. Record:—10366.30 lbs. milk; 479.27 lbs. b. f. 3 yrs. 8 mos. old.

May Rose Combination of Pomeroy 38026, A. R. 3433, owned by M. T. Phillips, Pomeroy, Pa. Record:—9666.40 lbs. milk; 467.31 lbs. b. f. 3 yrs. 7 mos. old.

The Calf--From Its Conception to a Yearling

(Continued from Page 69)

A Member: The calf was very small, and again she came about 18 days ahead. I bought the cow from Mr. Benham who said it might have been a mistake, that she might caught on an earlier service.

Mr. Blandy: Were you here when the discussion was on on my motion? Will you give us your judgment on that?

Dr. DeVine: I believe for the good of the breed in long periods of lactation, but I am with you on the proposition that forcing an animal to make a test, and together with the heavy feeding, etc., put together all those deviations from nature—and all those conditions are deviations from nature—it makes it harder to keep your cows regular breeders.

Mr. Blandy: Under those conditions, am I right in saying that the Guernsey Breeders' Association is advocating in a year's test something against the interests of the Guernsey breed of cattle?

Dr. DeVine: I think I would go further and say that you and I may not see the day, but it will come when that thing will be changed.

Dr. Russell: Do you advocate serving the cow at the first heat?

Dr. DeVine: Oh, no, no. I spoke of what it would do to the mare to let her skip. We want the colt every year if we can get it.

Dr. Russell: I was wondering how it would be to the cow.

Dr. DeVine: Where you milk your cow ten months it would be quite satisfactory to give her two months' rest.

A Member: Do you think a cow ought to be dry two months?

Dr. DeVine: Yes.

A Member: And fresh how often?

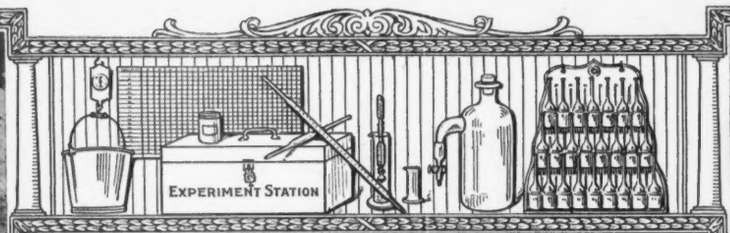
Dr. DeVine: Every year.

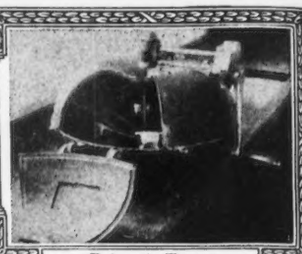
Mr. Tarbell: Is it not just as well if a cow freshens every 14 months?

Dr. DeVine: That is two months longer. Your experience is worth as much as that of any of the others on that question, and it may have proven to your satisfaction that your herd does as well by milking them for twelve months and going dry for two months. But are you thoroughly satisfied in your own mind that they do not breed as regularly as they would breed if bred earlier?

A Member: Isn't this question based a little on the individuality of the cow? If I begin to make rules for all our Guernsey cows, it seems to me we will be cutting off our own noses. There is a difference in cows; there are differences in men, and while I think it is a good thing to be careful with reference to the breeding of cows, at the same time, I would hate to have any man come in and say we must run our cows for 300 instead of 365 days, simply because some cows don't stand up under the strain. And while I love my cows better than anything else but my wife and children, if there is money in testing cows out for a year, money that will give us better hopes and better education for our children, and a little more leisure time for ourselves, I, for one, want to test them in twelve months; and if there is a cow that cannot stand a yearly record, I want to rid myself of her. We are going to hear a talk on heredity. Heredity is responsible for the difference in cases, and that being true, we have to study the individual cows and you have to study individual cow keepers. So I don't believe we ought to have any hard and fast rule about these things.

Murne Cowan 19597





Babcock Tester

TEN · LEADING · COWS IN · THE · SEVERAL · CLASSES · IN · THE · ADVANCED · REGISTER

CLASS A—FIVE YEARS AND OVER

	Yrs.	Mos.	Lbs. Milk	Lbs. Fat	Per Cent
Murne Cowan 19597, A. R. 1906, Re-entry	8	9	24008.00	1098.18	4.57
May Rilma 22761, A. R. 1726, Re-entry	6	4	19673.00	1073.41	5.46
Spotswood Daisy Pearl 17696, A. R. 790, Re-entry	7	5	18602.80	957.38	5.15
Julie of the Chene 30460, A. R. 2752, Re-entry	6	1	17661.00	953.53	5.40
Imp. Daisy Moon III. 28471, A. R. 1909, Re-entry	6	4	18019.40	928.39	5.15
Miranda of Mapleton 19606, A. R. 914, Re-entry	7	6	16630 70	927 16	5 57
Imp. Beauty of Park Farm 28420, A. R. 1850	8	2	14686.80	898.82	6.12
Imp. Queen Regent IV. 22716, A. R. 1000, Re-entry	6	6	15862.50	889.57	5.61
Spotswood Daisy Pearl 17696, A. R. 790, Re-entry	9	10	17981.10	886.98	4.93
Dolly Dimple 19144, A. R. 628, Re-entry	5	3	18808.50	876.34	4.66

CLASS B—FOUR AND ONE-HALF TO FIVE YEARS

Dairymaid of Pinehurst 24656, A. R. 843, Re-entry	4	8	17285.30	910.67	5.27
Julie of the Chene 30460, A. R. 2752	4	10	15174.20	827.26	5.45
Lady Lesbia 25142, A. R. 1348, Re-entry	4	10	13582.75	787.03	5.79
Pandora's Valentine of Rich Neck 27622, A. R. 1742, Re-entry	4	9	14341.60	784.22	5.47
Glenanaar of the Glen 23619, A. R. 1907	4	7	16813.10	780.66	4.64
Lady Dairymaid of Pinehurst 29723, A. R. 2106, Re-entry	4	10	14770.00	769.58	5.21
Imp. Dinah II. of the Fountain 28482, A. R. 1796	4	11	14877.00	726.77	4.89
Imp. Itchen Daisy 3d 15630, A. R. 100, Re-entry	4	7	13636.80	714.10	5.24
Standard's Morning Glory 12801, A. R. 358	4	11	12917.00	714.01	5.53
France XVIII's Daughter 25001, A. R. 2008, Re-entry	4	9	15907.00	701.24	4.41

CLASS C—FOUR TO FOUR AND ONE-HALF YEARS

Azucena's Pride 2d 24957, A. R. 1469, Re-entry	4	1	16203.90	855.70	5.28
Governor's Pauline 30472, A. R. 2441, Re-entry	4	3	14930.00	844.47	5.66
Polly's Beauty 35078, A. R. 2911, Re-entry	4	1	16629.80	774.40	4.66
Imp. Dora II. of Les Marais 37737, A. R. 1999, Re-entry	4	1	15434.90	770.38	4.99
Pauline Standish 33533, A. R. 3308	4	4	15870.60	757.21	4.77
Imp. Beauty II. of the Coutanchez 28465, A. R. 2081	4	5	13513.90	748.81	5.54
Stella's Favorite 2d 29167, A. R. 2283, Re-entry	4	0	14529.60	719.23	4.95
Noblesse 3d 37942, A. R. 2908, Re-entry	4	1	12399.50	717.67	5.78
Triple Champion's Marva 30001, A. R. 2400, Re-entry	4	2	14370.30	703.27	4.89
Maggie Shand 28202, A. R. 2135	4	2	14359.40	701.99	4.89

CLASS D—THREE AND ONE-HALF TO FOUR YEARS

Dolly Dimple 19144, A. R. 628, Re-entry	3	9	18458.80	906.89	4.91
Mignonette of Rich Neck 36828, A. R. 3054, Re-entry	3	9	14304.90	800.77	5.60
Langwater Dorothy 27944, A. R. 1822, Re-entry	3	9	16099.70	781.65	4.86
Imp. Princess of the Blicqs 28485, A. R. 1908	3	8	12608.80	774.16	6.14
Imp. Rosie V. of the Bourg de Bas 36380 A. R. 2802, Re-entry	3	8	14065.10	755.07	5.37
Rose of Langwater 24204, A. R. 1445, Re-entry	3	11	15008.20	751.62	5.01
Imp. Ma Charmante 6th 31925, A. R. 1995	3	8	15149.80	740.20	4.89
Imp. Daisy Moon III. 28471, A. R. 1909	3	10	12489.90	710.70	5.69
Brightness of Glenburnie 30742, A. R. 1961, Re-entry	3	11	12858.60	709.95	5.52
Novice Masher 33365, A. R. 2609, Re-entry	3	11	13649.00	706.97	5.18

CLASS E—THREE TO THREE AND ONE-HALF YEARS

Jehanna Chene 30889, A. R. 2588	3	5	16186.70	863.36	5.33
Dairymaid of Pinehurst 24656, A. R. 843, Re-entry	3	1	14562.40	860.26	5.91
Glenwood's Buttercup 48137 A. R. 3224 Re-entry	3	4	13728.90	769.82	5.61
Masher's Elsie 24986, A. R. 1967	3	5	14458.70	745.75	5.16
Miranda of Edgewater 30970, A. R. 2363	3	0	14617.30	730.49	5.00
Fleurette of Riverside Farm 36286, A. R. 2930, Re-entry	3	5	13665.50	689.56	5.40
Sweet Maria 25151, A. R. 1803	3	0	12542.50	682.86	5 44
Imp. Darling of Ida Cottage 44578, A. R. 3566	3	3	12731.60	668.63	5 25
Rutila's May Rose 24946, A. R. 1423, Re-entry	3	5	11415.75	655.93	5.75
Winona Bay 2d 35932, A. R. 3502	3	1	11827.00	653.67	5.53

CLASS F—TWO AND ONE-HALF TO THREE YEARS

Langwater Hope 27946, A. R. 1978	2	7	15078 80	773.59	5.13
Azucena's Pride 2d 24957, A. R. 1469	2	9	12633.30	706.46	5.59
Rose of Langwater 24204, A. R. 1445	2	7	12966.50	669.89	5.17
Imp. Buttercup II. of Beauregard 35799, A. R. 2638	2	11	10623.30	659.71	6.21
May Belle of Linda Vista 29679, A. R. 2134	2	7	11981.76	653.02	5.43
Imp. Rose des Houards 59th 44975, A. R. 3901	2	6	13522 80	643 11	4.75
Yeksarose 16610, A. R. 472	2	7	11275.50	638.49	5.66
Imp. Rouge II. of the Brickfield 28336, A. R. 1198	2	7	10963.00	612.53	5.59
Imp. Bijou des Frances 44541, A. R. 3043	2	6	10655.60	612.27	5.75
Imp. La Rochelle III. 28511, A. R. 2079	2	11	11421.50	609.04	5.33

CLASS G—TWO TO TWO AND ONE-HALF YEARS

Cherry of Edgewater 38413, A. R. 3361	2	4	13454.20	732.97	5 45
Nella Jay 4th 38233, A. R. 3194	2	2	14772.70	726.32	4.92
Nugget's Primrose 48835, A. R. 4001	2	1	15436.10	705.56	4.57
Dolly Dimple 19144, A. R. 628	2	2	14009.13	703.36	5.02
Golden Elsie 2d 33422, A. R. 2274	2	0	13409.00	672.94	5 02
Princess Deasie 36703, A. R. 2275	2	3	11943.10	666.22	5 58
Nellie Tostevin of Mapleton 3d 30318, A. R. 2121	2	4	11675.90	664.01	5.69
Imp. Bonnie of Anna Dean Farm 46953, A. R. 3195	2	4	12785.40	657.87	5.15
White Wing of Edgewater 38489, A. R. 3504	2	5	13538.50	653.14	4.83
Langwater Princess 22138, A. R. 1044	2	4	12280.50	651.19	5.30

AVERAGE YIELD OF 70 CLASS LEADERS 14490.52 LBS. MILK; 759.55 LBS. BUTTER FAT.

The above is as they appeared July 1, 1916.

Summary of 4996 Advanced Register Records.

	Records	Lbs. Milk	Lbs. B. F.	Per Cent.
Class A	1474	10141.11	498.75	4.918
Class B	266	9678.77	481.78	4.977
Class C	384	9235.64	461.99	5.002
Class D	398	8946.49	450.40	5.034
Class E	506	8309.38	420.18	5.056
Class F	628	8034.38	406 34	5.057
Class G	1340	7652 96	383.07	5.005
Av. for 4996		8834.04	440.57	4.987

Milk Production

Best Year's Record 24008 lbs.

Av. Ten Largest Records 18779.54 lbs.

Butter Fat Production

Best Year's Record: 1098.18 lbs.

Av. Ten Largest Records, 947.75 lbs.

Largest record for which certificate has been written since last issue of Journal Nellie of Pomeroy 28311, A. R. 2603. Re-entry: 12436.00 lbs. milk; 750.42 lbs. butter fat.

BREEDERS' EXCHANGE

VERMONT Guernsey Breeders' Association members have registered and grade stock for sale. Send for sale list. MARK H. MOODY, Sec'y, Waterbury, Vt.

FARM Manager is open for position October 1st Large experience with Guernseys and all branches of Farm and Dairy. First class place only. Highest recommendations. GUERNSEY BREEDERS' JOURNAL, Box 1300, Peterboro, N. H.

POSITION WANTED. A young man desires a position as manager of a stock farm. Is competent to develop a pure bred herd and develop the farm in a modern way. Previous experience as a herdsman in charge of a Guernsey herd affords practical experience and good judgement in the management of stock for Advanced Register work. THE GUERNSEY BREEDERS' JOURNAL, Box 1000, Peterboro, N. H.

FOR SALE

Registered Guernsey bull, General Joffre of Eastside 30628, from herd of A. A. Bird, Cattaraugus, N. Y. Age, 2 years and 2 months.

R. L. FLAGG

Cattaraugus Co. - Onoville, N. Y.

Develop Individuals to Develop Breed

(Continued from Page 71)

more valuable in raising cattle than in raising any other kind of live stock. It is the breeding up of a certain type to make perfect individuals that fills the farmers' pockets. At the conclusion of his lecture, Mr. Grout paid a handsome tribute to Minnesota as a dairy state by singing a song in which the present dairy methods were contrasted with those of thirty years ago.

A feature of the program which brought considerable applause was a slide showing Nellie of Pomeroy 28311, a Guernsey cow owned by C. E. Wirt of the Clover Lawn Farm, east of Lewiston. Many farmers recognized the splendid animal. Her record for the past eleven months practically assures her of the state Guernsey championship for production.

The attendance at the program was very gratifying, and it was evident that all who heard the lecture and the preceding musical numbers were well satisfied because they derived a number of things that will be of practical benefit. Before the lecture a number of highly creditable musical selections were given. The high school girls of the Consolidated Schools sang in a very entertaining manner. Miss Myrtle Cross of the Consolidated Schools' faculty sang a very pleasing solo and was encored twice. The Guernsey club quartet made a decided hit, and responded to two encores. They were highly complimented by Mr. Grout. Guy Pierce, president of the Winona County Guernsey Breeders' Association, presided at the club during the program.

—LEWISTON FREE PRESS.

The Advanced Register of Guernsey Cattle

SPECIAL NOTE This list contains the latest credits and totals for the several cows entered in The Advanced Registry work so far as same had been checked up and verified at the time the list is put to press.
Any omissions or back credits given signify that either data has not been received in time, or was held up pending verification. In such instances they will appear in next list published.

Name and Number.	Class.	Days.	Month.	Month Credit. Milk. Lbs.	Month Credit. % Fat.	Month Credit. B. Fat. Lbs.	Total Credit. Milk. Lbs.	Total Credit. B. Fat. Lbs.
These records are all made on the two day test basis except where especially noted.								
Allen, C. C., Kenosha, Wis.								
Imp. Allenwood Nellie 50478	F	23	Mar.	774.50	3.98	30.83		
		53	Apr.	936.90	5.11	47.88		
		84	May	902.70	4.49	40.53	2614.10	119.24
Imp. Roehampton Jessamine 52789	F	169	May	822.90	4.81	39.58	4984.30	238.09
Ames, F. Lothrop, North Easton, Mass.								
Imp. Itchen Pearl 2d 28155	A	147	May	1072.40	4.81	51.58	5652.40	262.29
Langwater Charity 38605	D	201	May	1064.70	5.12	54.51	7498.00	366.65
Langwater Cleopatra 47043	G	281	May	911.50	5.91	53.87	9139.60	469.41
Langwater Dairymaid 26377	A	143	May	1658.40	4.76	78.94	8334.90	366.34
Langwater Desire 40709	E	201	May	1243.90	5.21	64.81	8474.90	405.33
Langwater Destiny 49486	G	14	Apr.	443.10	4.23	18.74		
		45	May	1225.40	4.23	51.83	1668.50	70.57
Langwater Fair Maid 49482	G	58	May	1293.60	4.33	56.01	2339.00	98.04
Langwater Fancy 44015	E	261	May	522.60	5.93	30.99	6127.90	317.55
Langwater Francaise 35751	A	31	May	1515.50	4.58	69.41		
Langwater Gaiety 50107	G	125	May	1064.10	4.42	47.03	4395.30	196.25
Langwater Heroine 49483	G	58	May	1397.70	4.35	60.80	2473.20	102.53
Langwater Honesty 49479	G	131	May	1071.40	4.69	50.25	4467.70	204.91
Langwater Hope 27946	A	244	May	1594.70	5.40	86.11	14200.40	692.58
Langwater Lustre 47044	G	271	May	845.90	5.39	45.59	8587.50	376.58
Langwater Parisienne 33565	A	281	May	732.50	5.78	42.34	8438.50	438.15
Imp. Langwater Pearl 26605	A	174	May	1189.60	5.68	67.57	7453.70	390.05
Langwater Promise 41959	F	322	May	916.10	5.50	50.39	10247.30	506.62
Langwater Seamstress 40710	E	213	May	931.20	5.33	49.63	7282.70	350.66
Langwater Siren 47048	G	287	May	727.70	5.53	40.24	7355.90	358.43
Imp. Polly of the Russel 33217	A	165	May	859.70	4.61	39.63	5749.40	252.26
Imp. Rosy IV. of the Camp Joinet 40087	B	264	May	930.40	5.12	47.64	10206.70	465.41
Ames, John S., North Easton, Mass.								
Easton's Milkmaid 54755	G	11	Apr.	268.00	4.98	13.35		
		42	May	826.80	4.98	41.18	1094.80	54.53
Minnie Sterling 48732	G	274	May	945.10	5.04	47.63	8721.90	405.08
Anderson, Alfred, Holton, Mich. 1 day test.								
Agnes Johnson 37463	B	11	Apr.	367.90	3.89	14.31		
		42	May	1064.50	3.35	35.66	1432.40	49.97
Dictator's Lassie of Bonny Lea Farm 58558	G	220	May	762.90	4.46	34.03	5348.50	237.66
Myrtle of Bonny Lea Farm 58559	G	11	Apr.	351.10	4.28	15.03		
		42	May	1031.50	4.20	43.32	1382.60	58.35
Rubella of Grand Curve 47133	D	188	May	690.80	4.40	30.40	4447.20	201.92
Augustine & Kyer, Seattle, Wash. 1 day test.								
Milkmaid's Queen 27879	A	200	Mar.	900.20	4.50	40.51		
		230	Apr.	856.50	4.82	41.28	7367.10	330.12
Willow's Chartreuse 42665	E	347	Mar.	470.10	5.76	27.08	7268.30	368.13
Willow's Helena 42666	E	244	Mar.	784.00	4.96	38.89		
		274	Apr.	709.90	4.94	35.07	8533.90	412.20

Babson, F. K., Chicago, Ill.								
Little Cad 36721	B	61	Apr.	881.10	4.34	38.24	1832.70	72.70
Imp. McKerrow's Darby Girl 53187	G	54	Apr.	603.20	5.01	30.22	1141.10	56.25
Ollie's Princess of Windermere 52226	G	61	Apr.	858.00	4.79	41.10	1754.10	82.32
Imp. Polly of Scholtz Farm 49349	F	61	Apr.	986.60	4.43	43.71	2016.00	87.87
Baker, Elbert H., Gates Mill, Ohio.								
Imp. Golden Wish 35248	A	46	May	1473.40	3.92	57.76	2114.50	85.97
Leonora of Keewaydin 43747	F	199	May	815.40	4.40	35.88	5660.40	250.47
Souvenir's Beatrice of Keewaydin 45734	F	163	May	691.10	4.91	33.93	3690.00	180.18
Worthy Queen of Worthington 38041	A	111	May	1080.00	4.57	49.36	3982.00	182.45
Ballard Brothers, Niles, Mich. 1 day test.								
Melba of Yellowdale 30010	A	18	Apr.	641.80	6.33	40.63		
		49	May	1293.20	4.99	64.53	1935.00	105.16
Melba of Yellowdale 2d 39701	C	31	May	1015.80	4.80	48.76		
Miss Bess of Yellowdale 42643	A	114	May	1387.60	4.83	67.02	5125.10	246.04
Panmure of Windermere 51018	G	204	May	795.30	4.78	38.02	5048.40	217.57
Princess Virginia 42460	A	158	May	898.60	5.25	47.18	5836.70	296.22
Rose of Windermere 52680	G	152	May	693.50	4.56	31.62	3327.10	151.58
Barnes, W. A., Brinkhaven, Ohio. 1 day test.								
Maple Ridge Ada 48139	G	198	May	1027.50	4.04	41.51	6206.00	258.91
Maple Ridge Adelia 48140	G	200	Apr.	694.75	3.85	26.75		
		231	May	773.00	3.89	30.07	5365.75	216.49
Barron, C. W., Cohasset, Mass.								
Carmora 33847	B	274	May	501.60	6.07	30.45	5561.40	312.42
Clara's Victime 48568	F	133	May	734.00	4.76	34.94	3425.90	159.88
Imp. Elliott's Fascination IV. 47153	C	121	May	912.10	5.24	47.79	4504.20	214.59
Helen Pink 47273	F	133	May	588.50	4.95	29.13	2956.20	153.69
Imp. Jenemie's Beauty III. 47186	F	133	May	737.70	5.34	39.39	3481.50	171.16
Josephine of the Oaks Farm 33055	B	358	May	674.40	5.21	35.14		
		366	June	151.50	5.21	7.89	9816.10	457.70
Judith K. 2d 24426	A	213	May	766.70	5.10	39.10	5895.10	294.54
Imp. Lucille of the Villette 47185	E	295	May	813.20	5.32	43.26	8812.90	434.32
Beacham, James W. Jr., Avondale, Md.								
Avalon's Princess 42300	D	6	Apr.	239.80	4.01	9.62		
		37	May	1441.60	4.01	57.81	1681.40	67.43
Benham, F. G., Canandaigua, N. Y.								
Clarissa of Evanmar 39052	C	61	Apr.	1010.10	3.33	33.64	2130.50	75.32
Imp. Dolly of Rondibosch 39578	A	69	Apr.	965.20	4.54	43.92	2321.00	105.44
Imp. Jane of les Bordages 51802	D	48	Apr.	1020.30	4.01	40.91	1674.20	65.43
Jessie of Canandaigua 46222	F	316	Apr.	703.40	5.11	35.94	8722.10	451.78
Imp. Lady Hester III. 51803	D	29	Apr.	1086.10	4.22	45.83		
Imp. Lucy of the Courtils 35493	A	69	Apr.	1064.60	4.53	48.23	2396.10	124.63
Miss Golden of Edgewater 42888	D	21	Apr.	656.90	5.47	35.93		
Miss Jan of Edgewater 49206	F	38	Apr.	983.00	3.92	38.53	1220.30	47.14
Miss Linden of Edgewater 32708	B	366	Apr.	239.70	6.37	15.27	9947.30	558.98
My Lady Lida of Cherrydale 39743	C	56	Apr.	1002.10	4.34	43.49	1881.90	80.71
Imp. Rosette of the Baillotterie 50316	F	322	Apr.	612.40	4.33	26.52	8541.00	369.81
Truelove of Evanmar 39051	D	300	Apr.	532.10	4.29	22.83	7059.60	310.19
Blair, Lyman, Greenville, Me.								
Governor's Lady Corfu 34173	A	121	May	693.00	4.88	33.82	3311.30	170.41
Rival's Heirloom's Tahoma 34156	A	136	May	796.60	5.08	40.47	4114.00	215.59
Imp. Spotswood Sweet Brier 18017	A	164	May	911.70	4.75	43.31	5833.30	278.38

Iowa

The Davenport Cow Testing Association.

The Davenport Cow Testing Association commenced work June 1, 1915. At the end of the first year the following report is available:—

Twenty-six members were in the Association with a total of 370 cows of which 231 were on test throughout the entire twelve months. Of this number six produced over 10,000 pounds of milk and forty-eight produced over 300 pounds of butter fat. Comparing the *milk* production of the various breeds, we find that C. E. Dutcher's herd of pure bred Holsteins led the bunch. One cow gave 11,655 pounds of milk and two others produced over 11,000 pounds. Out of seven cows on test for the twelve months, Mr. Dutcher had five produce over 7500 pounds while Ernst Dengler, with a herd of fifteen Guernseys had ten produce over 7500 pounds in the twelve months. Mr. Dengler's herd easily leads the list in *butter fat* production as six of his cows exceeded 400 pounds, while seven others exceeded 300 pounds and only two fell below this latmark. His highest producing cow gave 495.6 pounds of butter fat.

Of the 231 cows on test for twelve months, eight produced more than 400 pounds of butter fat, and forty-one produced between 300 and 400 pounds; forty-five produced between 250 and 300 pounds; sixty-seven produced between 200 and 250 pounds; forty-three produced between 150 and 200 pounds; thirty-one produced between 100 and 150 pounds; and five produced less than 100 pounds. According to the feed costs it was found that nine cows were kept at an actual loss. One of the chief causes of low production is the fact that many of the cows were dry through a large part of the year. Much more loss is occasioned from this source than dairymen usually realize.

It is noticeable that those men who have ordinary cows, fed under average farm conditions, seldom are able to show animals which can exceed 300 pounds of butter fat. Several of the farmers were fortunate enough to have one or two cows in this list but the majority of them had none at all. The man whose cows stand out pre-eminently as the best, started five years ago with a herd of grade Shorthorns and Red Polled cows. He became interested in dairying and purchased a pure bred Guernsey bull. He secured a Babcock tester and commenced testing the milk every day. To his surprise some of his cows gave less than 200 pounds of butter fat in a year. These were promptly weeded out and only the best animals saved. As a conse-

POSITION WANTED

A young man of good character and ability, married, seeks a position as working manager of an established Guernsey farm or farm where a Guernsey herd is being started. A college graduate of unusually broad experience in Guernseys and all branches of livestock, farm crops and handling help. Experience in A. R. work and especially good at calf raising and show fitting. At present employed in responsible position but has good reasons for changing and can furnish first-class references.

GUERNSEY BREEDERS' JOURNAL
Box 1400 Peterboro, N. H.

CRESS LAWN FARMS

OFFERS FOR SALE

5 Beautiful Heifer Calves

Four to eight months old. One male five months old. Price $1000 for the six. A few young cows at attractive prices.

B. E. TOTTEN

Farmdale Ohio

BISCOE FARM GUERNSEYS

Records of each animal, or the Dam of each animal exhibited.

HOWARD B. TUTTLE,

Naugatuck, - - - Connecticut

quence, after four years, practically all of his cows exceed 300 pounds and in 1914 each produced $130 worth of butter on a valuation of thirty-five cents a pound in addition to the milk and butter used in the household and the value of the calf. This man is one of the best feeders in the association, having an abundance of good alfalfa hay and silage in addition to cotton-seed meal, oil meal and other feeds of that character.

Below is given a list of the cows in the association that produced over 300 pounds of butter fat together with the production of milk and cost of feed. The breed is also designated. The letter "P" stands for pure bred, and the letter "G" stands for grade. In the letters following, G stand for Guernsey, H for Holstein, J for Jersey, S for Shorthorn, R. P for Red Polled, and M for mixed.

Blandy, I. C., Greenwich, N. Y.								
Follyland Nancy 52457	G	20	Apr.	664.80	4.33	28.79		
		51	May	1153.50	4.23	48.79	1818.30	77.58
Langwater Nancy 27943	A	316	May	1293.60	5.63	72.83	13924.00	752.91
Imp. Lil VIII. of the Forgettes 32079	A	342	May	745.90	5.76	42.96	10425.00	561.01
Imp. The Fairie Queene II. 41614	A	121	May	888.60	5.03	44.70	3869.20	186.86
Bliss, Walter P., Bernardsville, N. J.								
Imp. Daisy of Ida Cottage 36423	A	133	May	1099.10	4.40	48.36	4721.40	217.99
Imp. Wintershill Meg 3d 48512	F	152	May	818.20	5.65	46.23	4410.50	255.02
Boom, Henry, Woodhull, N. Y. 1 day test.								
Maggie of East View 46352	G	138	May	983.90	5.31	52.25	4131.90	209.04
Breuchaud, Jules, Olivebridge, N. Y. 1 day test								
Imp. Florette de la Pointe 51162	D	121	May	955.65	4.84	46.25	4303.45	212.25
Buzzell, Roy C., Stanley, Wis.								
Imp. Coggins VII. 43643	C	73	Apr.	1115.30	4.34	47.40	2798.70	112.72
Woodland Maid 27690	A	63	Apr.	967.00	4.66	45.06	2106.90	97.50
Brown, H. J., Portland, Me.								
Colette Standish 48426	F	51	May	1075.90	4.71	50.67	1717.90	91.24
Mirona Marshall 36792	B	14	Apr.	454.30	5.40	24.53		
		45	May	1035.30	5.30	55.91	1489.60	80.44
Pauline Standish 33533	A	30	May	1470.40	5.02	73.81		
Buckley, Irwin, Schaghticoke, N. Y. 1 day test.								
Anna Josephine 16557	A	61	May	1020.70	5.16	52.67	1971.40	102.11
Imp. Dolly of Mouilpied 47906	C	78	May	1015.00	5.07	51.46	2598.10	122.07
Imp. Lady Roberts of Bellview 47697	A	61	May	1209.60	4.45	53.83	2318.20	100.72
Prince Morrow's Queenie 45986	F	61	May	1022.30	4.31	44.06	2042.10	87.40
Imp. Varclin Gem 47703	B	78	May	1004.80	5.20	52.25	2563.30	128.62
Carpenter, Willard, Woodhull, N. Y. 1 day test.								
Lena of East View 41425	D	92	May	621.40	6.01	37.35	2312.00	126.30
Chalfant, William, Jr., West Chester, Pa.								
Nwotllim Min 42017	C	284	Apr.	633.60	5.68	35.99	6486.70	345.90
Cheney, H. G., South Manchester, Conn.								
Beatrix of Greenway 45707	G	255	Mar.	494.50	5.33	26.36		
		285	Apr.	481.90	5.06	24.38		
		316	May	509.00	4.70	23.92	5698.80	260.15
Kate Jewel of Greenway 34464	B	241	Mar.	473.30	4.70	22.67		
		271	Apr.	427.40	5.11	21.84		
		202	May	421.30	4.44	18.71	6128.90	282.94
Clark, Glenn, Eau Claire, Mich.								
Eventide M. 25155	A	69	May	1438.60	4.88	70.20	3034.50	163.75
Linda of Hickory Grove 41658	D	54	May	1017.70	4.31	43.86	1727.00	80.60
Nina of Hickory Grove 50618	G	59	May	975.80	4.60	44.89	1785.40	91.12
Princess of Hickory Grove 42794	E	131	May	928.70	4.48	41.61	4369.60	192.86
Shilotta Maid's Pearl 32727	A	96	May	1143.50	5.63	64.38	3384.90	194.99
Cleveland, Charles D., Eatontown, N. J.								
Alphea of Pinehurst 2d 29722	A	159	May	1409.00	5.07	71.44	7147.00	371.22
Imp. Duke's Daisy of the Isle 53783	C	31	May	1482.20	3.98	58.99		
Jason's Enchantress of Upper Freehold 52625	A	259	May	1030.00	5.83	60.05	10027.30	578.13
Clow, Fred C., New Lisbon, Wis. 1 day test.								
Beauty of the Homestead 43037	G	361	Apr.	634.40	5.10	32.35		
		366	May	104.20	5.17	5.39	8501.60	410.40
Dodo of Crosswald 46085	G	366	Apr.	404.10	4.72	19.07	7823.80	362.90
Dorothy's Dorris of Crosswald 36198	C	366	Apr.	22.50	6.38	1.44	6914.50	336.37
Mollo O. of Sherwood 31212	A	309	Apr.	808.20	4.65	37.58		
		340	May	861.10	4.68	40.30	10375.30	493.07

Rose Elsa 44867	G	316	Apr.	443.70	5.00	22.19		
		347	May	464.00	4.89	22.69	6045.50	299.22
Codman, Edmund D., Dedham, Mass.								
Dolly of Green Lodge 37882	A	92	May	1067.60	4.81	51.35	3469.20	164.71
Lena of Green Lodge 41908	A	92	May	1008.60	5.29	53.35	3170.00	167.90
Coffin, W. K., Eau Claire, Wis.								
Imp. Bedum of Sarnia 46544	A	26	May	822.10	5.03	41.35		
Imp. Blonde of Sarnia 46545	B	104	May	960.10	5.26	50.50	3317.30	151.69
Imp. Butterscotch of Sarnia 50460	D	279	May	492.70	4.45	21.93	5974.30	247.62
Imp. Primrose Beauty of Tristram Farm 50997	G	161	May	728.80	4.24	30.90	3965.60	163.68
Winsome of L. View 43712	E	168	May	602.80	5.06	30.50	3782.80	193.51
Colorado State Agricultural College, Fort Collins, Colo. 1 day test.								
Orlette's Fancy Lassie 55016	G	314	May	536.70	6.10	32.74	5959.90	319.64
Columbia Mills, Inc., The, Minetto, N. Y.								
Janet of Oakhurst 45297	F	171	May	998.90	5.48	54.74	5700.30	304.74
May King's Belle of Oakhurst 45567	G	338	May	935.90	5.42	50.72	9811.10	471.99
Connecticut Agricultural College, Storrs, Conn.								
Storrs Naomi 21558	A	366	May	121.30	4.23	5.13	10145.40	413.92
Cooper, George C., Superior, Wis.								
Imp. Buttercup of the Villette 26952	A	26	Apr.	930.30	4.39	40.84		
		57	May	1074.10	4.30	46.19	2004.40	87.03
Craigamoor Amnicona 41820	D	102	May	918.60	4.38	40.23	3092.20	133.23
Lady Fredericka of Craigamoor 38536	C	130	May	747.00	4.95	36.98	3526.90	173.49
Lady Liene of Craigamoor 36570	B	240	May	659.60	4.81	31.73	5940.10	292.78
Princess Tibeon of Craigamoor 33765	B	325	May	593.10	5.12	30.37	8132.90	392.45
Raritan's Dottie Dimple 42406	E	108	May	772.60	5.02	38.78	2710.00	130.55
Russel's Apiha of Craigamoor 32679	A	243	May	806.30	4.37	35.24	7038.40	311.90
Cooper, James, H., Courtenay, N. D. 1 day test.								
Imp. Alpha of Clara Cooper Farms 50080	G	31	Mar.	711.80	4.23	30.11		
		61	Apr.	621.00	4.34	26.95	1332.80	57.06
Imp. Butter Girl of Cloverley 44186	D	80	Mar.	1206.20	5.11	62.36		
		110	Apr.	975.10	5.11	49.83	3900.10	199.44
Imp. Daisy of les Piece Nez III. 44880	F	333	Mar.	494.80	6.11	30.23		
		363	Apr.	420.40	5.47	23.00	7919.90	422.87
Imp. Daisy of North View 44191	D	22	Jan.	683.90	4.80	32.83		
		51	Feb.	981.50	4.44	43.58		
		82	Mar.	981.60	4.58	44.96		
		112	Apr.	839.00	5.05	42.37	3486.00	163.74
Imp. Freeman's Bountiful 44185	D	173	Mar.	637.40	5.33	33.97		
		203	Apr.	570.80	5.57	31.79	4023.50	268.86
Imp. Minette of the Niaux 44187	C	31	Mar.	957.50	5.27	50.46		
		61	Apr.	865.60	5.09	44.06	1823.10	94.52
Imp. Nelly de La Croute III. 44180	B	17	Mar.	659.80	5.24	34.57		
		47	Apr.	1299.20	4.97	64.57	1959.00	99.14
Imp. Nettie of the Hubits 44181	C	156	Mar.	1110.20	5.81	64.50		
		186	Apr.	967.20	6.42	62.09	7072.10	374.42
Cooper, Minnie A., Superior, Wis.								
Craigamoor Cosette 43206	D	152	May	821.60	5.63	46.26	4308.60	242.79
Craigamoor Phoebe 42484	D	146	May	1056.20	4.82	50.91	5278.60	241.09
Imp. Duvaux Lily III. 26947	A	274	May	748.00	4.91	36.73	7232.40	364.44
Cornell University, Ithaca, N. Y.								
Triple Bay 50624	G	142	May	632.10	5.16	32.62	3090.60	166.49

Breed	Lbs. Milk	Lbs. Butter Fat	Cost Feed
P. G.	9317	495.6	$68.75
G. G.	9543	490.8	58.35
G. G.	9147	483.6	58.77
G. G.	8813	466.8	58.76
P. G.	10445	460.3	68.59
P. H.	11655	423.0	62.16
G. G.	10664	421.6	62.46
G. G.	8671	399.4	58.97
G. G.	8043	396.3	59.69
P. J.	7744	395.8	53.79
P. H.	11400	374.9	61.77
G. S.	8622	362.5	45.25
G. G.	7560	354.0	56.56
H.	9380	353.2	60.33
P. R. P.	7112	346.1	28.06
M.	7425	345.8	59.43
G. J.	8165	343.9	43.99
P. H.	11500	341.2	64.07
P. J.	6770	339.8	56.56
G. G.	6832	337.3	59.02
G. J.	8195	336.5	46.19
G. J.	7879	336.0	29.95
G. S.	8312	334.7	63.55
H.	9333	334.5	59.75
P. R. P.	7531	333.4	42.08
G. S.	9097	328.6	39.40
G. S.	7945	326.5	44.32
G. H.	9098	322.8	65.00
G. H.	7184	322.7	42.63
P. H.	11008	322.6	63.95
P. H.	8134	322.2	72.42
G. H.	6756	322.0	41.06
G. S.	7893	321.1	44.89
P. J.	6468	319.6	57.08
G. G.	7163	317.0	52.09
P. H.	8583	314.0	55.19
G. H.	6825	313.5	55.45
M.	6762	313.1	43.65
G. S.	8422	309.5	43.72
G. G.	7860	308.5	48.81
H.	7578	307.6	56.84
H.	5603	306.2	65.61
H.	9289	303.5	61.70
H.	9531	303.2	59.18
H.	8266	302.9	59.33
H.	6511	301.7	81.75
G. G.	7699	301.5	49.88
G. J.	8207	300.3	43.67
G. G.	6407	299.1	50.62

Missouri

Breed Days at the Southwestern Dairy Show.

The Southwestern Dairy Show Association has designated Monday, September 18th, as Brown Swiss day: Tuesday, September 19th, Ayrshire day; Wednesday, September 20th, Guernsey day; Thursday, September 21st, Jersey day; Friday, September 22d, Hostein day; at their first annual exhibition of dairy stock, dairy products and dairy machinery and equipment, to be held in Convention Hall, Kansas City, Missouri, September 18 to 23, inclusive.

Green Meadow Farm

Offers For Sale a Bull, 9 mos. old

Sire—Pencoyd's Golden Secret 16550
Dam—Raymond's Nelita 10530
Sire of Dam—Raymond of the Preel IV

HERD BULLS

Pencoyd's Golden Secret 16550

Sire—Imp. Golden Secret 12597 A. R. 84
Dam—Langwater Early Rose 19145
Has two daughters in the A. R. with good records.

Miron of Edgewater 19355

Sire—Imp. Hero of King's Mills Lodge 16906
Won numerous prizes on the Island, also sire of several A. R. daughters with big records.

Dam—Miranda of Mapleton 19606, A. R. 914
Held the world's long distance championship over all breeds at that time with 16,630.70 lbs. milk and 927.16 lbs. fat.

G. A. CLUETT Owner
Green Meadow Farm
Williamstown, Mass.

F. WOODWARD, Manager

WHEN

are you going to start giving a Year's Subscription to the

JOURNAL

with each bull sold to a non-subscriber?

It will increase your sales to do so, and we will go halves on the price. Write us about this plan.

The American Guernsey Cattle Club

Peterboro, N. H.

On these particular days the local and state breeders' associations will hold their meetings. The Southwest Jersey Cattle Breeders' Association, Mid-West Guernsey Breeders' Association, State Holstein Breeders' Association and the State Ayrshire Breeders' Association are planning special programs for their respective days.

Special breed trophies have been donated by the Holstien-Freisian Association, American Jersey Cattle Club, Ayrshire Breeders' Association, Southwest Jersey Cattle Breeders' Association, Mid-West Guernsey Breeders' Association, State Holstein Breeders' Association, the J. R. Mercer Jewelry Company of Kansas City and J. G. Watson of Kansas City.

Special mention is made of trophies presented by the American Jersey Cattle Club. These trophies are replicas of the famous Warwick Vase. The design is famous and the cups are valued at $100 each. The trophies are presented for the grand champion Jersey bull and the grand champion Jersey cow at the Southwestern Dairy Show.

Craft, Harvey C., Glen Cove, N. Y. 1 day test.								
Imp. Follatte 2d 53970	D	152	May	867.10	4.76	41.27	4330.30	196.39
Imp. Rosemary du Grand Belle 44581	B	251	May	655.70	5.36	35.15	6358.70	316.97
Imp. Rosemary of Matinecock 45647	G	274	May	792.20	5.11	40.48	6673.10	315.33
Craig, Burdette P., Glen Spey, N. Y.								
Lady Beldora of Thornliebank 49990	G	73	May	814.40	4.94	40.23	4647.20	244.74
Imp. Lynchmere Florrie 2d 54026	G	346	May	733.10	5.32	39.00	8265.90	467.04
Princess Lorraine of Tarbell Farms 35390	A	158	May	987.80	4.77	47.12	5460.10	278.10
Imp. Rosy XII. de la Vieille Rue 53814	G	317	May	636.50	5.64	35.90	7391.00	413.37
Crocker, H. C. & Son, Sennett, N. Y.								
Della of Hickory Grove 24706	A	31	Mar.	1730.70	4.55	78.75		
		61	Apr.	1603.90	4.61	73.94		
		92	May	1600.00	4.50	72.00	4934.60	224.69
Ella of Bellmath 40295	C	12	Apr.	466.50	4.97	23.19		
		43	May	1496.80	4.45	66.61	1963.30	89.80
Fina of Bellmath 34769	A	31	Mar.	1212.60	4.41	53.48		
		61	Apr.	1191.90	4.74	56.50		
	A	92	May	1222.40	4.37	53.42	3626.90	163.40
Cola of Bellmath 34768	A	31	Mar.	1151.10	4.71	54.22		
		61	Apr.	1133.50	5.14	58.26		
		92	May	1213.90	4.89	59.36	3498.50	171.84
Truella of Bellmath 31364	A	31	Mar.	1199.70	4.17	50.03		
		61	Apr.	1186.90	4.37	51.87		
		92	May	1231.80	3.99	49.15	3618.40	151.05
Truella of Bellmath 2d 54797	G	12	Mar.	300.80	4.05	12.18		
		42	Apr.	862.20	4.52	38.97		
		73	May	874.40	4.23	36.99	2037.40	88.14
Cullen, A. J., Elkview, Penn.								
Edith M. of Elkview 30328	A	90	Apr.	1067.10	5.30	56.56		
		121	May	1053.30	5.25	55.30	4559.60	229.06

Evelyn of Elkview 43727	D	30	Apr.	1046.90	4.98	52.14		
		61	May	1042.20	4.93	51.38	2089.10	103.52
Fannie F. of Elkview 3d 30333	A	9	Feb.	952.00	4.62	43.98		
		40	Mar.	1353.00	4.85	65.62		
		70	Apr.	1204.90	4.60	55.43		
		101	May	1248.80	4.86	60.69	4758.70	225.72
Fannie F. of Elkview 4th 36970	B	80	Mar.	887.60	6.46	57.34		
		110	Apr.	809.30	4.90	39.66		
		141	May	858.50	4.74	40.69	4179.60	221.66
Gipsyview 36971	B	101	Apr.	1273.80	4.36	55.54		
		132	May	1258.50	5.18	65.19	6044.90	271.79
Lillieview 34766	A	105	Apr.	1183.60	4.33	51.25		
		136	May	1177.40	4.24	49.92	5739.00	251.28
Meranda L. 31216	A	70	Apr.	1093.00	3.99	43.61		
		101	May	1116.70	4.27	47.68	4516.30	187.24
Merryview 36969	A	27	Mar.	1236.70	4.76	58.87		
		57	Apr.	1399.20	4.26	59.61		
		88	May	1343.70	3.99	53.61	3979.60	172.09
Dahl, N. C., South Haven, Mich.								
Governess of St. Austell 41872	E	347	May	480.50	4.52	21.72	7232.20	284.18
Lenore Glenwood of Jericho 44167	F	281	May	629.40	5.32	33.48	6211.60	325.48
Lura Glenwood of Jericho 44166	F	244	May	792.70	5.17	40.98	7093.50	356.61
Majella of Linwood 41005	D	343	May	825.60	4.55	37.56	9886.80	412.66
Dairy Division-Bureau of Animal Industry, Beltsville, Md.								
Dorothy France 47296	G	286	May	682.00	5.29	36.08	6399.70	327.14
Holly France 50245	G	121	May	555.50	4.36	24.22	2538.80	109.64
Imp. Pearl King's Guernsey Lily 50370	G	274	May	578.80	5.49	31.78	5434.10	299.21
Imp. Rosette III. of Les Nicolles 50378	G	244	May	438.10	5.60	24.53	4210.30	228.38
Imp. Susan of the Isle 50348	F	258	590.70	5.12	30.24	5534.60	265.29	
50348	F	258	May	590.70	5.12	30.24	5534.60	265.29
Delaware College, Newark, Del.								
Amy May Rose 48790	G	51	Apr.	1136.90	4.14	47.07		
		82	May	1154.50	4.09	47.22	3030.90	124.76
Gracieuse Rose 54090	G	137	May	846.10	4.50	38.07	3772.60	158.48
Madge O. D. 43699	G	351	May	638.70	5.29	33.79		
		366	June	299.80	5.39	16.16	9094.40	448.68
Pollyanna of Pencoyd 49196	G	26	952.80	4.02	38.30			
Pride of Elkview Farm 39169	C	239	May	825.60	4.79	39.55	7055.00	342.98
Queen O. D. 47255	G	269	May	655.20	5.34	34.99	6310.40	320.36
Dengler, Ernst, Davenport, Iowa. 1 day test.								
Imp. Belle Vue VI. 37756	A	305	May	772.00	5.75	44.39	8741.90	480.61
Imp. Echelle's Lily of the Valley 37743	A	305	May	820.00	4.70	38.54	9863.60	440.51
Dunkelberg, C. A., Fort Wayne, Ind.								
Arvon's Florena Homestead 49896	G	111	Apr.	996.70	4.02	40.07	4195.70	180.28
Bonnie Goldie of Sunny Side 32550	A	355	Apr.	605.90	5.54	33.57	10035.50	489.89
Golden Highland Mary 20056	A	357	Apr.	605.00	5.91	35.76	10300.00	549.76
Masher's Bridget 23372	A	179	Apr.	687.30	3.97	27.29	5163.80	211.72
Imp. Milton Rougette 35554	A	182	Apr.	694.40	4.76	33.05	5766.20	254.55
Imp. Rachel des Rocquettes 4th 40625	A	366	Apr.	543.80	6.47	35.18	9754.20	532.73
Imp. Vespasia 34597	B	182	Apr.	741.20	4.74	35.13	5286.20	267.10
Dunlop, W. Robert, Fayetteville, N .Y.								
Eva G. of Lee Farm 37251	C	284	Feb.	851.90	5.18	44.13		
		315	Mar.	916.00	4.93	44.16		
		345	Apr.	845.20	4.77	40.32		
		366	May	529.10	7.51	39.74	12875.60	593.14
Hazel of Lee Farm 39204	D	314	Feb.	728.80	5.70	41.54		
		345	Mar.	806.20	5.46	44.02		
		366	Apr.	510.90	5.46	27.90	12902.60	614.34
Helma of Lee Farm 39202	D	239	Feb.	848.50	5.95	50.49		
		270	Mar.	911.30	6.20	56.50		
		300	Apr.	877.40	5.64	49.49		
		331	May	885.40	6.42	56.84	11349.70	616.38

Massachusetts

Langwater Farms Sales.

We wish to report that Langwater Farms, North Easton, Mass., recently sold to Charles H. Jones, Fillmore Farms, Wellesley Farms, Mass., the bull called Langwater Planet 31324. Langwater Planet 31324 was dropped July 16, 1914, by Langwater Royal Master 23663 and out of Langwater Desire 40709. Langwater Planet 31324 comes from a famous line on both sides. His dam as a three year old is making a good Advanced Register record, having made in 231 days 9702.5 pounds of milk and 467.32 pounds fat. She is a daughter of Langwater Dairymaid 26377, who is now making her third record and has made in 173 day 987.6 pounds of milk and 430.74 pounds fat. The sire of this young bull which Mr. Jones has purchased is the junior herd bull at Brookmead Farm, owned by Frank Graham Thomson, and has sired some exceptional individuals.

We also sold a bull calf dropped March 20, 1916, to R. V. Lindabury, Bernardsville, N. J. This bull calf is out of Langwater Radiance 52326 by Langwater Model 28066. Langwater Radiance 52326 is a daughter of our old foundation cow Imp. Royal Rose of Easton 15483, who made as a three year old 9576.9 pounds milk and 517.8 pounds fat. This young bull carries a wonderful inheritance of production and show-ring ability.

We also shipped a bull to Edgemoor moor Farm, Santee, California, owned by Walter H. Dupee. This bull calf is out of a daughter of Langwater Hope 27946, and is sired by Langwater Holliston 28055, a son of Jethro's May King of Linda Vista 14591 and Langwater Francaise 35751, who is a daughter of Imp. King of the May 9001 A. R. with a record of 506.83 pounds fat as a two year old and as a three and a half year old is milking well beyond the fifty pound mark. Mr. Dupee has in this young bull one of extra show ring quality and one that carries on both sides a vast amount of inherited production.

—W. K. Hepburn, Supt.

GOATS

To clear pasture for a larger herd of Guernseys.

Guernsey Breeders' Journal:

I wonder if it would be too far afield for a Guernsey Journal to tell us something about goats, especially Angoras. At least if you tell us, we should be told which kinds are the best.

The point is this: A Guernsey breeder may have an opportunity to increase his herd if he can turn his rough pastures

into good fields for stock or for crops, so possible you will consider the enquiry is pertinent.

I hear that this has been successfully done and that the flocks of goats paid their own way while they did it.

I hear that milch goats bring quite a high price—that they produce as high as five quarts of milk a day and that it is so much in demand by doctors and nurses for invalids and children that the milk sells never less than twenty-five cents a quart and in large cities often brings fifty cents a quart and hard to get at that. Is this so? Will they pay for themselves and clear land besides? Which is the most profitable breed and the least care and trouble?

—JOHN P. REYNOLDS,
Metcalf, Mass.

We would be glad to hear from anyone who has had experience along the lines referred to in the above.

Indiana

Mixter Farm Picnic.

On June 24th, Dr. S. J. Mixter entertained at his summer home at Hardwick, Massachusetts, about seventy-five of his friends and others interested in the Guernsey cow. A bountiful luncheon was provided at the noon hour, after which Dr. Mixter gave a short history of the farm, telling how his father had purchased a few acres in that vicinity many years ago and how the farm had grown and developed until it now comprises thousands of acres and as Dr. Mixter says, "Nobody knows exactly how many."

A few years ago when the active management of the place fell to the lot of Dr. Mixter, after the death of his brother, George Mixter, the Doctor seriously contemplated selling the farm and Guernseys, keeping but a small place for a summer home. One day, while he and N. I. Bowditch were out looking over the farm with a view to ascertaining its value prior to selling, Mr. Bowditch, greatly impressed by the beautiful fields and pastures dotted with the 500 or more fawn and white Guernseys, remarked that it would be a shame to sell out such a beautiful place and such an excellent foundation herd. Dr. Mixter acted on this suggestion and the farm has been kept and the herd has continued to develop.

There are now in the herd 300 head and none have been purchased for many years. As one roams about the place, through the barns and over the paddocks, he is forcibly struck with the wonderful chance that there is in a herd of this sort to develop families of cows and to make for a herd bull a wonderful reputation. That this is being done is evinced

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50,000 BRANCHES AND LOCAL AGENCIES THE WORLD OVER

Dupee, Walter H., Santee, Cal.

Imp. Ada of Tamworth II. 43614	A	29	Apr.	1492.90	3.52	52.55		
		60	May	1991.70	3.20	63.73	3484.60	116.28
Belladia 31909	A	127	Apr.	1843.20	4.74	87.37	7740.60	327.88
Imp. Delia of Sarnia 58758	F	108	Apr.	1042.30	3.95	41.17		
		139	May	1020.00	4.22	43.04	4742.00	179.91
Imp. Doctress of Sarnia 58760	F	106	Apr.	982.20	3.90	38.31		
		137	May	804.10	4.75	38.19	4359.80	172.75
Imp. Dove of Sarnia 58748	F	80	Apr.	803.70	4.69	37.69		
		111	May	723.60	4.79	34.66	2957.60	141.34
Imp. England's Hayes Citron 59847	F	121	Apr.	721.20	5.16	37.21		
		152	May	731.70	5.13	37.54	3689.80	170.11
Gay Lad's Thelma 39948	D	208	Apr.	869.10	4.79	41.63		
		239	May	911.00	4.92	44.82	8204.20	392.51
Golden Heiress of B. 28299	A	205	Apr.	1150.70	5.36	61.68		
		236	May	1145.10	5.07	58.06	8957.50	455.94
Imp. Governess II. of the Braye 60621	G	187	Apr.	922.40	4.56	42.06		
		218	May	952.30	4.87	46.38	6877.50	323.07
Imp. Hayes Felois X. 59868	G	97	Apr.	998.90	4.46	44.55		
		128	May	980.20	5.22	51.17	4153.40	187.73
Imp. Hayes Sweet Marjoram 5th 59846	F	208	Apr.	630.70	4.11	25.92		
		239	May	591.70	4.63	27.40	4940.40	222.89
Imp. Heathfield Mace 53979	E	159	Apr.	731.20	5.47	40.00		
		190	May	697.90	5.38	37.55	5120.90	250.69
Imp. Lily of Quesnard 54533	C	208	Apr.	942.90	4.33	40.83		
		239	May	972.00	4.61	44.81	8640.30	367.14

Lovice of Linden Home 23008	A	323	Apr.	703.20	4.55	32.00		
		354	May	702.90	4.99	35.07	9474.30	427.25
Mabel of Linden Home 23009	A	319	Apr.	1336.70	4.75	63.49		
		350	May	1372.10	4.54	62.29	16124.50	720.37
Imp. Maggie Herivel 54970	A	146	Apr.	1122.70	4.30	48.28		
		177	May	1119.50	4.53	50.71	6810.80	296.22
Marguerite of Pinehurst 2d 45828	G	182	Apr.	978.90	4.46	43.66	6476.10	278.63
Imp. Mildred II. of les Godaines 55120	A	71	Apr.	1470.60	3.45	50.74		
		102	May	1543.90	4.58	70.71	5110.30	202.97
Imp. Miss Violet II. of St. Andrew's 60626	G	97	Apr.	984.90	5.91	58.21		
		128	May	953.00	6.16	58.70	4030.20	222.94
Proud Dame 38916	E	366	Apr.	526.00	5.39	28.35	10578.60	514.06
Imp. Rose des Ruettes 44100	A	294	Apr.	559.20	4.35	24.33		
		325	May	459.30	4.13	18.97	8389.40	349.84
Imp. Royal Squire's Donata 59877	G	121	Apr.	854.30	5.16	44.08		
		152	May	885.00	5.48	48.50	4270.00	207.83
Imp. Victime of Iowa 43718	D	186	Apr.	747.30	4.78	35.72		
		217	May	695.20	4.88	33.93	6308.30	302.84
Ebels, John, Holland, Mich. 1 day test.								
Alice of Olive Guernsey Hill 37599	C	243	May	641.60	5.35	34.33	5223.40	270.41
Bess of Butternut Hill 48671	G	274	May	437.70	4.84	21.18	3730.10	173.84
Lady of Butternut Hill 39297	C	174	May	789.10	4.51	35.59	4715.90	221.26
Lawton's Lady Lu 29027	A	80	May	1195.70	4.27	51.06	3282.50	140.11
Imp. Lizette III. of the Hall 28263	A	58	May	1006.60	4.01	40.36	1728.20	68.86
Nancy of Lyndon Heights 2d 24852	A	274	May	675.60	4.48	30.27	6462.70	285.12
Nellie of Butternut Hill 48673	G	31	May	743.20	3.83	28.46		
Paula of Butternut Hill 48674	G	31	May	694.80	4.34	30.15		
Queen of Butternut Hill 48672	G	107	May	599.50	3.90	23.38	2085.00	91.85
Rose of Butternut Hill 42361	E	178	Apr.	601.00	4.18	25.12		
		209	May	645.30	4.53	29.23	4648.00	199.23
Rude 2d 29025	A	145	May	860.50	5.88	50.60	4178.30	240.53
Emerson, I. E., Lutherville, Md.								
Our Little Gem 26086	A	305	May	988.50	5.01	49.52	10737.50	482.54
Fahnestock, William, Katonah, N. Y.								
Cinderella of Annandale 47462	G	204	May	608.50	4.99	30.36	4084.80	205.07
Jennie of Meadowbrook 28027	A	49	May	1480.80	3.79	56.12	2162.80	85.58
Rival's Gipsy of Dellwood 46824	G	336	May	667.20	4.89	32.63	8447.80	390.31
France, Joseph I., Port Deposit, Md.								
Imp. Violette of the Isle 2d 50419	E	305	May	463.50	5.69	26.37	6233.70	335.93
Frazier, Frank P., Ipswich, Mass.								
Imp. Chywoone Eulalia 44538	B	260	May	776.00	5.49	42.60	8726.00	454.67
Florham Princess 43598	E	167	May	1345.80	5.00	67.29	7939.70	362.45
Glenwood's Lotota Lenfestey 32376	A	16	May	655.30	4.96	32.50		
Imp. Governs Lily 47516	F	213	May	970.30	5.09	49.39	6625.60	338.58
Hulda of Ledyard 57651	G	183	May	918.40	5.17	47.48	5795.70	281.86
Lotota of Upland Farms 52907	G	16	May	494.50	4.70	23.24		
Ultra Lady 38913	C	167	May	1217.70	5.21	63.43	7390.90	348.39
Fretz, William F., Pipersville, Penn. 1 day test.								
Imp. Lady Jebb of the Villette 39451	A	4	Mar.	161.20	4.48	7.22		
		34	Apr.	1181.00	4.48	52.91	1342.20	60.13

by the fact that one bull, old Prince of Groton 9841 A. R., was the sire of 119 pure bred sons and 109 pure bred daughters. Another comparatively young bull, Yeoman's King of the May 17053 is the sire of sixty-eight registered daughters and Dean of the May 21815, now used in the herd, already has forty daughters. One cow in the herd, Gelenina 18252, born in 1899, is the mother of seven generations, six of which are still on the place. This old cow produced ten heifer calves, all of which, at one time, were living at the farm.

The afternoon's study of the individuals in the herd, the gathering of the green feed, which was hauled by the two herd sires, Yeoman's King of the May 17053 and Dean of the May 21815, and the beautiful sight of seventy-five good old matrons coming up the lane from off the rocky hillside, proved interesting and delightful to all, and it was a day that will be remembered for some time to come by those present.

Minnesota

Merickel and Nelson, Eagle Bend, Herd Notes.

Enclosed find a short sketch of what our herd is doing and what the Guernsey is doing in our part of the country. The Guernsey is here to stay as she is unsurpassed in butter production. We have been using Guernsey bulls since 1907 and we find that they are a paying proposition. We have refused as high as $150 apiece for our grades; have sold yearlings from $40 to $90 apiece. The bulls calves from the grades we veal and sell at about six weeks old. In all the heifers we have raised, we have had only two that were poorer than their dams.

The three-fourth bloods on the grades farm or the grade herd, are making about 300 pounds of fat a year, which we think very good. In the meantime, since we have gone into the breeding of full bloods, we have done a little better with all heifers, but three we have made an average of 317.6 pounds of fat in the year of 1915, which netted $103 apiece at the creamery, where all cream is sold. They averaged 5980 pounds of milk apiece. The bull calves we have raised have been sold mostly at home. That shows that they are popular. We have sold ten bull calves at home at from $75 to $200 apiece at from four months to one year old. We have also sold a carload of cows and heifers in the last year.

The demand this year, or enquiry, has been very heavy for bulls; but the sales have been slow, but at the present time we have only one bull old enough for sale. Our herd bulls are both grand-

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sons of Governor of the Chene 1297 P. S., one out of Imp. Cora's Governor of Chilmark 18461, and the other out of Imp. Golden Hero of l'Etiennerie 12647, both Advanced Register bulls of note. The latter bull is a half brother to Imp. Holden IV. 12179, who has some very high record heifers. Our best one at present made 200.1 pounds of fat in three months. I think she is going to make over 700 pounds. She is Pride of Woodend 22579. She has two daughters in the herd that are making forth-five pounds of fat a month, one with first calf and one with third.

We expect the herd this year to make an average of over 400 pounds of fat and at the present it looks as if they will exceed even our estimate by a good margin.

Our herd is composed mostly of home bred heifers and we have only one cow that did not drop her first calf on the farm; others have all been sold. I think we will start Advanced Register work next fall if everything turns out the way we have planned.

—Merickel & Nelson,
Eagle Bend, Minn.

Gable, William F., Wyebrooke, Pa.								
Amelia of New Castle 37866	B	52	Apr.	1164.10	4.12	47.96	2008.20	82.40
Amie of New Castle 37198	A	89	Apr.	1436.10	4.34	62.33	4221.90	183.83
Arabella of New Castle 37192	A	263	Apr.	604.60	5.86	35.43	7278.40	385.21
Augusta of New Castle 37197	A	89	Apr.	1037.60	4.61	47.83	3213.10	146.75
Begalore's Beauty 23669	A	267	Apr.	787.50	4.78	37.67	10005.00	457.83
Begalore's Belle 33152	B	341	Apr.	770.40	4.91	37.85	9443.20	448.47
Begalore's Bessy 32216	A	88	Apr.	1281.20	4.16	53.26	3731.30	145.14
Bonnie's Bloom 33148	A	74	Apr.	1150.60	4.73	54.42	2891.50	141.47
Cherry Lass 24756	A	256	Apr.	731.90	5.23	38.28	7459.40	376.57
Glen Gable Galore 30219	A	177	Apr.	1195.00	4.39	52.46	8065.40	355.37
Glen Gable Genevieve 36958	B	152	Apr.	1007.10	5.08	51.16	5209.90	261.83
Glen Gable Georgiana 33149	A	86	Apr.	972.30	5.10	49.59	3096.70	146.64
Glen Gable Glenwood 33150	B	366	Mar.	488.50	5.50	26.87	9144.20	511.45
Glen Gable Granny 21867	A	213	Apr.	848.00	5.56	47.15	6814.60	408.19
Glen Gable Grenadine 42832	E	192	Apr.	663.40	5.48	36.35	5141.60	289.06
Glen Gable Gretchen 31359	A	19	Apr.	804.50	3.88	31.21		
Glen Gable Julia 34948	C	366	Apr.	315.50	6.38	20.13	9699.30	601.99
Minnie Anchora 21634	A	125	Apr.	906.60	4.89	44.33	4450.60	220.68
Stella Stranford 31360	A	366	Mar.	424.20	5.91	25.07	10775.60	552.67
Summerland 26066	A	98	Apr.	1072.10	3.92	42.03	3595.70	136.49
Susie of Homestead 17846	A	135	Apr.	651.10	5.91	38.48	3650.30	211.20
Gates, R. D., Novelty, Ohio.								
Beauty of Walnut Glens 38969	D	360	Mar.	671.20	5.28	35.44		
		366	Apr.	133.60	5.28	7.05	10893.30	547.14
Betty Spencer 29279	A	366	Mar.	322.30	5.60	18.05	9010.80	447.73
Duchess France of Salnut Glens 39883	E	335	Feb.	840.80	4.83	40.61		
		366	Mar.	880.10	4.75	41.80	13059.80	602.30
France's Spencer of Walnut Glens 35097	C	366	Mar.	605.70	4.74	29.32	12030.50	560.72

Spencer's Beauty 28020	A	244	Mar.	683.10	5.32	36.34	8267.20	391.92
Squire's Beauty of Walnut Glens 52245	G	20	Mar.	552.40	4.47	24.69		
Gleason, Fred C., Sodus, Mich.								
Abbie of Riverside 25280	A	31	May	1638.70	5.08	83.25		
Lucile of the Ridge 36580	C	366	May	790.40	5.78	45.69	8216.40	518.58
Susie of the Ridge 43719	F	281	May	761.00	5.78	43.99	7595.20	431.35
Griswold, H. W., West Salem, Wis. 1 day test								
King of the May's Bowl 46797	E	58	May	931.60	3.46	32.23	1844.40	74.49
Yeksa Sunkist Snowdoun 33343	A	270	May	766.70	5.88	45.08	9197.10	505.53
Yeksatop 26272	A	325	May	788.70	5.28	41.64	11721.20	532.55
Hamilton, H. P., Two Rivers, Wis.								
Tot 3d 32756	A	27	May	1133.10	4.48	50.76		
Hammond, John Henry, Mt. Kisco, N. Y.								
Rival's Buttercup of Dellwood 46825	G	336	May	727.10	6.18	44.93	7677.10	468.73
Robert's Primrose of Dellwood 46826	F	134	May	764.00	5.31	40.57	3588.90	175.48
Hart, H. Stillson, Barrington, Ill.								
Armine's Pride 40885	C	52	May	918.10	5.13	47.10	1540.70	77.23
Henrietta's Glory 39143	C	53	May	958.30	4.19	40.15	1734.70	76.80
Miss Flossie of Park Farm 42865	E	248	May	829.20	4.55	37.73	8067.70	343.19
Haskell, J. Amory, Red Bank, N. J.								
Florham Ivy 49031	F	74	May	1080.50	4.39	47.43	2627.70	113.08
Lactea of Oak Hill 36402	A	13	Apr.	534.70	5.14	27.48		
Newtown Maid of Oak Hill 38953	C	56	May	1265.00	4.98	63.00	2220.20	112.96
Twilight Daisy of Oak Hill 43118	G	366	May	485.70	6.24	30.31	10306.40	574.47
Henderson, J. W., Berkeley, Cal.								
Kitchener's Golden Idelia of Bella Vista 56865	G	163	May	609.70	4.38	26.70	3489.00	151.39
Rancho Morning Rose 40298	E	285	May	637.10	4.34	27.65	6286.90	300.33
Wanda of Bella Vista 41356	E	360	May	193.30	5.35	10.34	6708.40	358.68
Hicks, George J., Saginaw West Side, Mich.								
Imp. Beauty Star of la Mare 45962	B	138	Apr.	729.05	4.90	35.72	3956.95	178.90
Imp. England's Queen 53926	A	159	Apr.	766.80	4.35	33.36	4849.25	210.81
Imp. Le Pelley's Gem 2d 53924	A	31	Jan.	1435.85	4.04	58.01		
		60	Feb.	1305.85	4.06	42.06		
		91	Mar.	1325.80	4.56	60.46		
		121	Apr.	1237.80	4.69	58.05	5305.30	218.58
Nakena of Sunset Lodge 29487	A	30	Apr.	1185.75	3.75	44.35		
Imp. Polly III. of Richmond Cottage 53778	C	86	Jan.	1287.05	4.49	57.79		
		115	Feb.	1088.25	4.37	47.56		
		146	Mar.	874.50	4.93	43.11		
		176	Apr.	743.25	4.68	34.78	6214.80	276.98
Imp. Queen III. of les Nicolles 45961	A	55	Apr.	1317.45	4.20	55.33	2362.50	98.18
Imp. Rougette III. of La Croix 53770	A	107	Apr.	892.40	4.85	43.28	3444.05	167.33
Higdon, W. J., Tulare, Cal. 1 day test.								
Imp. Alcia of Linwood 51562	E	151	Apr.	644.50	5.55	35.77	3463.20	177.84
Imp. Amelia of Linwood 51566	D	60	Apr.	1051.40	4.15	43.63	2176.60	96.63
Imp. Bijou of Ore Hill 48089	F	238	Apr.	792.60	4.48	35.50	6661.50	314.28
Imp. Governor of the Chene's Giffard 44454	E	147	Apr.	850.10	4.06	34.51	4786.00	204.67
Imp. Governor of the Chene's Herald Queen 44459	E	151	Apr.	932.70	4.50	41.97	5074.70	241.29
Raymond's Lily of St. Saviour's 45374	E	93	Apr.	1098.50	4.47	49.10	3527.10	150.56
Sequel's Coral of Highway 38940	D	257	Apr.	897.30	4.35	39.03	7509.10	338.26

New Jersey.

Hope's 1917 Sale.

Mr. J. L. Hope, whose recent importation was spoken of editorially in the July 1st issue of the JOURNAL, has left for the Island of Guernsey to select another high class importation. Some of these will be included in the sale which he is going to hold following the annual meeting of The American Guernsey Cattle Club in May, 1917.

New York.

Broad Acres Notes.

Broad Acres Farm, Springfield, N. Y., has just completed transfer of bull calf, Pippin of Broad Acres 38334, to Abraham B. Cox of Cherry Valley, N. Y. Pippin of Broad Acres is by King Masher 5th 18361, out of Fay of Hammond, 42183, A. R. 4213, with a record of 101 10176.95 pounds milk and 486.80 pounds of butter fat. He is to be used on a grade Jersey herd which in time Mr. Cox intends to displace by a registered Guernsey herd.

Crosby Gaige Buys Farm on Hudson.

Crosby Gaige of New York has recently purchased Glenburnie Farm from Dr. James E. Russell, formerly of Peekskill, New York, The farm will now be known as Watch Hill Farm and Mr. Gaige will assemble a breeding herd there and carry on a pure bred Guernsey business.

Ohio

Schieber Sale at Bucyrus, Averages Well

At the first sale of Guernseys held by I. W. Schieber, June 21st, fifty-seven head of Guernseys sold for $15460, an average of approximately $275 per head. The highest price paid for a cow was $505 purchased by E. H. Miller, Clyde, Ohio. She is a daughter of Golden Noble II. 1836 P. S. The highest priced bull was purchased by J. C. Neff and Albert Schieber of Bucyrus, Ohio, for $750. In spite of the cold rain which started early in the morning and lasted until noon, a large crowd of breeders and farmers attended the sale. Following are the list of buyers and the prices paid.

COWS AND HEIFERS.

Ada of Wasteland 62228 Champ Jackson, Lake ,Ohio $235.00
Governor's Violet of Keewaydin 59986, N. L. Royer, Orrville, Ohio 230.00

Imp. Golden Wish of Keewaydin 46006, Crawford & Davis, Newark, Ohio 255.00
Golden Belle of Keewaydin, A. C. Ramseyer, Smithville, Ohio 230.00
Heifer Calf, David Schrock, Orrville, Ohio 180.00
Murrell of Keewaydin 48735, E. H. Miller, Clyde, Ohio... 260.00
Heifer Calf (Imported) J. Dwight Dean, Fredericktown Ohio 270.00
Kate Pie of Willow Brook 3d 55884, R. H. Morrison, Burghill, Ohio 300.00
Belle Frances Taylor 59907, N. L. Royer 215.00
Mame Lovesome Lady (Imp.) J. Dwight Dean 300.00
Dolly Warren Wood of Elmpines 42405, F. C. Gearhardt Crestline, Ohio 175.00
Attractive Maid of Spring Hill, 53201, N. L. Royer 200.00
Imp. Trixie of the Isle 31896, Albert Schieber, Bucyrus, Ohio 270.00
Isabell of Seldom Seen Farm 62803, David L. Schrock ... 140.00
Wood Ford's Hope 53252, Crawford & Davis 245.00
Vitex of Maplecrest 64438, E. F. Morrow, Richwood, Ohio .. 240.00
Susan of Richland 49037, N. L. Royer 275.00
Imp. Richesse Rhea of the Chene Farm 47905. Champ Jackson 470.00
Vandala of Richland 49035, R. G. Murphy, Painesville, Ohio 330.00
Imp. Rosy II. of La Pointe 39736, David L. Schrock ... 400.00
Viola's Guernsey Belle 52149, E. H. Miller 265.00
Lady's Diamond of Elmcourt 47550, R. H. Morrison..... 360.00
Fairy of Farmdale 54793, Theodore Kehrer, Ravenna, Ohio 225.00
Manoa's Marguerite of Bon Ayre 58360, A. W. Smith, Pataskala, Ohio 340.00
Heroine of Maplecrest 64439, Daviel Ramseyer, Smithville, Ohio 180.00
Veda of Orchard Bluff 62810, J. S. Yoder, Wooster, Ohio 155.00
Imp. Bourne End Beauty 60215 J. Dwight Dean 300.00
Myrtle of Brush Creek 55085, N. L. Royer 200.00
Beatrice of Keewaydin 34861. Albert Schieber..... 135.00
Governor's Leonora of Keewaydin 61893, D. L. Schrock.... 195.00
Ethel of Plum Grove, Vincent Seidel, Wayland, Ohio 175.00
mp. Alice Worth of Willow Brook 48235, Vincent Seidel 325.00

Iowa State Fair and Exposition

DES MOINES

Aug. 23--Sept. 1, 1916

Offers $18,372.50

Premium Money for Cattle. Entries close Aug. 1

write today for premium list and entry blanks

A. R. COREY, Secretary, Des Moines, Iowa

Hills, E. E., Shrewsbury, Mass.								
Belle of Bayside 39154	D	204	May	740.90	5.87	43.49	5501.80	304.17
Carwytham Queen 41121	E	366	May	701.90	5.58	39.17	9637.20	468.94
Carwytham Rosemary 41123	F	355	May	591.10	6.37	37.65	8907.80	478.69
Charity of Carwytham 53098	G	18	May	463.10	3.96	18.34		
Dorcas of Carwytham 47740	G	366	May	340.30	5.54	18.85	8854.10	418.30
Goldenrod of Bayside 34045	A	158	May	597.10	4.64	27.71	3616.90	181.69
Hillswold Mamie 53055	G	31	May	714.80	4.09	29.24		
Pansy of Bayside 49324	G	147	May	827.50	4.91	40.63	4113.00	191.63
Primrose of Bayside 44907	F	355	May	666.40	4.69	31.25	9875.60	420.79
Hoard, A. R., Fort Atkinson, Wis.								
Blossom of Koshkonong Place 2d 42947	E	163	May	596.90	5.85	34.92	3424.10	182.97
Inez of Koshkonong Place 3d 46985	G	205	May	589.70	5.73	33.79	3787.70	203.63
Imp. La Manselle of Koshkonong Place 35647	A	92	May	1227.20	4.03	49.46	3723.20	167.66
Leah of Koshkonong Place 49899	G	54	May	743.50	4.49	33.38	1199.70	55.23
Mary of Koshkonong Place 43350	G	190	May	456.30	6.08	27.74	3124.80	178.76
Pet of Koshkonong Place 48653	G	163	May	582.20	5.48	31.90	3160.50	163.79
Romance of Koshkonong Place 48152	G	156	May	637.80	4.86	31.00	3414.80	164.49
Hoard, Halbert W., Fort Atkinson, Wis. 1 day test.								
Anna of Prospect 47674	G	176	May	670.80	5.16	34.61	3769.70	185.33
Hoard, W. D., Fort Atkinson, Wis. 1 day test.								
Hilda of Prospect 49681	G	48	May	676.10	4.36	29.48	965.60	42.36
Norine of Prospect 46715	F	77	May	800.90	5.15	41.25	1982.30	82.27
Hope, J. L., Madison, N. J. 1 day test.								
Belladia 2d 46139	F	121	May	903.70	4.78	43.20	4185.40	181.21
Deanie of Florham 34671	A	239	May	1028.60	4.60	47.32	8335.75	366.75
Imp. Lady of the Ponchez II. 36362	A	92	May	1367.70	4.48	61.27	4320.45	204.64
Mary Queen Bess 43600	F	244	May	426.55	5.46	23.29	6601.95	316.99
Nerita 48545	F	161	May	561.60	5.75	32.29	4023.05	200.04
Netoria 43597	E	97	May	1213.35	3.98	48.29	3792.25	157.53

Nydia of Riverside Farm 39201	C	82	May	1183.15	4.38	51.82	3004.45	140.06
Preen 46137	F	226	May	906.25	5.06	45.86	6943.65	335.57
Ultra's Lady Sterling 49694	G	104	May	941.15	4.42	41.60	3077.80	130.34
Holton, Mrs. G. E., Catasauqua Penn. 1 day test								
Penuchie of Riverside Farm 37030	B	180	May	1124.70	4.28	48.14	7339.10	327.80
Hotaling, F. L., Oneonta, N. Y.								
Daffodil of Maple Glen 41044	E	305	May	594.80	5.57	33.13	6943.00	349.23
Hotchkiss, Frank A., Millerton, N. Y.								
Barrington's Lady Vanity 51610	G	10	Apr.	248.30	4.79	11.89		
Deasie of Oakhurst 49105	F	20	Mar.	609.50	5.52	33.64		
		50	Apr.	905.70	5.52	49.99		
		81	May	869.00	5.09	44.23	2384.20	127.86
Druce's May Queen 45294	G	366	May	370.80	5.44	20.17	8916.50	453.57
Imp. Lass of King's Mills Lodge 48471	F	152	May	860.00	5.13	44.12	4600.40	211.65
Imp. Polly du Closel 27507	A	213	May	1466.10	4.73	69.35	10874.90	475.16
Princess Madge 45296	G	352	May	716.00	5.15	36.16	9346.80	417.66
Houghton, Clement S., Sherborn, Mass.								
Imp. Beauty IV. of the Gree 48450	D	167	May	708.30	5.28	37.40	5336.80	255.10
Millwood's Cousin Clotilde 28985	A	87	May	1351.50	5.34	72.17	4173.30	229.62
Primrose of Stannox 50549	F	53	May	821.40	5.23	41.91	1391.40	72.91
Princess of Stannox 50550	G	95	May	986.10	4.84	47.73	2866.70	133.18
Wallflower's Betty 37473	B	92	May	1333.10	5.35	71.32	4094.50	217.24
Yeoman's Maid of Waumesit 36815	B	279	May	521.00	5.35	27.87	6611.90	333.34
Hutchins, F. S., Oregon City, Ore. 1 day test.								
Brookside Princess 30087	A	65	May	917.60	4.62	42.39	2011.20	93.24
Princess Bernice 52469	G	20	May	582.70	3.70	21.56		
Illinois, University of, Urbana, Ill.								
Imp. Aurora of Sarnia 40238	A	175	Apr.	748.50	5.01	37.50		
		206	May	642.90	4.73	30.41	5714.50	283.46
Imp. Governor of the Chene's Mignonne 44452	E	204	Apr.	316.10	4.65	14.70		
		235	May	277.60	5.22	14.49	4635.50	202.91
Imp. Squire's Armada 51977	G	225	Apr.	402.10	5.64	22.68		
		256	May	390.90	5.63	22.01	4770, 10	269.85
James, Est. D. Willis, Madison, N. J. 1 day test.								
Sunburst Rose of Onunda 41506	E	366	May	455.10	5.66	25.76	11346.60	626.65
Jean Du Luth Farm, Inc., Duluth, Minn.								
Imp. Fanny of Vallee du Creux 40658	A	96	May	1521.60	4.17	63.45	4755.70	192.66
Jean Du Luth Lenore 52812	G	267	May	660.30	4.39	28.99	5651.60	261.08
Lady Bickleigh of the Villette 43650	D	289	May	902.60	4.85	43.78	9376.90	461.82
Lime Girl 33441	B	366	May	801.30	6.79	54.41	15264.50	728.68
May's Coquette 45204	G	263	May	687.50	4.70	32.31	6547.20	308.68
Imp. Nina's Iowa Dairy Girl 29053	A	282	May	505.70	5.81	29.38	7802.40	419.52
Imp. Promise of St. Andrew's 43913	C	64	May	1169.10	4.28	50.04	2451.30	110.20
Starlight's Contrast 33439	A	72	May	2113.10	4.12	87.06	4840.50	202.1
Imp. William's Daisy III. of les Sages 44721	D	291	May	713.00	4.62	32.94	8540.30	414.07
Jones, Charles H., Wellesley Farms, Mass.								
Imp. Bonita II. of les Bordages 39576	B	156	May	1158.50	5.07	58.74	6495.30	328.40
Imp. Butter Girl V. 52616	E	8	Apr.	315.80	4.61	14.56		
		39	May	1323.50	4.61	61.01	1639.30	75.57
Fillmore's Daisy 40978	D	7	Apr.	288.80	5.84	16.87		
		38	May	1336.60	5.84	78.06	1625.40	94.93
Fillmore's Happy New Year 34495	B	219	May	919.80	6.58	60.52	8009.00	475.76

Henryetta of Hillcrest 23328, J. W. Master, Edison, Ohio ... 150.00
Isabel of Maplecrest, Clinton Maglott, Mansfield, Ohio .. 195.00
Trixy of Orchard Bluff 62809, M. Reed, Marysville, Ohio.. 250.00
Alpha's Daisy 56465, Gilmore Bros., Camden, Mich. 250.00
Golden Carteret of Chilmark, 43221, Schrock & Royer, Orrville, Ohio 400.00
Lalla C. of Bon Ayre 56033, Vincent Seidel..... 225.00
Genitess of Bon Ayre 58825. A. C. Ramseyer 245.00
Virginia of Maplecrest, Vincent Seidel 185.00
Rose of Okemos 58329, N. L. Royer 180.00
Nellie of Alta Crest 55741, D. L. Schrock 250.00
Patrician Nelly 2d 27146, R. G. Murphy 320.00
Imp. Lady Dudley of the Isle 32023, E. H. Miller..... 505.00
Imp. Beauty III. des Fontaines 32008, D. L. Schrock..... 385.00
Heifer Calf, C. Conkle, Layland, Ohio 125.00
Twin Heifer Calf, F. E. Bane, Fredericktown, Ohio 125.00
Twin Heifer Calf, F. E. Bane.. 145.00
Alice of Maplewood, D. L. Schrock 145.00

BULLS.

Madge's Chena's Ling of Anna Dean Farm 35743, J. C. Neff & Albert Schieber, Bucyrus, Ohio 750.00
Bull Calf, D. L. Schrock..... 90.00
Bull Calf, N. L. Royer 85.00

Richest Milk."

They say I need a Holstein cow,
I think I'll buy just four—
One for each corner of the barn;
Kept just within the door.

So if a fire should break out
I'll milk their streams upon it.
The two per cent. of fat, no doubt,
Will help me milk them on it.

Insurance premiums I will save;
Buy gems and silks for Mary.
Sing Holstein praises for a fire
And Guernsey for the dairy.
—The Guernsey Office Boy.

Pennsylvania

E. W. Brundage's Sales.

In March, 1916, we sold a fine young bull from Imp. Dairymaid III. of Brickleigh 44570 and sired by Foulon Raymond of Meadowsweet 17256, whose first three daughters to be tested are

making creditable Advanced Register records to H. M. Howard, J. A. Burns and Mark Williams of New Milford, Pennsylvania. In April, we sold Golden of Island Field Farm 28083 to Geo. Ledyard and Henry Snyder of South Gibson, Pennsylvania.

We sold to Geo. Chamberlain, Harford, Pennsylvania, three fine heifer calves,—Catania of Evergreens 63182, sired by Sequel's Favorite 19704, and from Lady Catania 27428—Raymond's Lady Bimba 64073, sired by Foulon Raymond of Meadowsweet 17256, and from Lady Bimba 28124, A. R. 3062—Raymond's Persuasion of Elm Tree Farm 60669, sired by Foulon Raymond of Meadowsweet 17256 and from Persuasion's Satsifaction 44301. These three heifers are very fine and should make fine foundation stock. The call for Guernsey heifer calves is far ahead of our supply. We think their popularity will increase as their merits become known.

—E. W. Brundage, Hop Bottom, Pa.

Likes the Journal and the Guernseys.

Enclosed please find $2.00 for my subscription to the Guernsey Breeders' Journal. I would not like to miss a number. I have just recently sold two bull calves to go into grade herds. There is a good demand for pure bred Guernsey bulls to improve the grade herds for dairy purposes in our locality. The best day's work I ever did was when I bought my first trio of Guernsey calves. I now have a fine herd of Guernseys, about forty in number, very uniform in color.

—John W. Little, Hanover, Pa.

Virginia

Does it Pay to Raise Purebreds.

When you begin to talk dairying to a man, the first thing he asks, shall I put in purebreds or grades? There is a great demand for both purebred and high grade dairy cows and any farmer that is a good feeder and caretaker can make money by raising either or both to sell, but a man must first succeed with grades before he can expect to succeed with registered stock. The safest plan is to buy a good registered bull and grade up a good herd and see how much better they are than ordinary common cows. And then add two or three purebred heifers and give them good care and you will see them beat the grades so much that you will get that purebred enthusiasm that is necessary for success in any line.

In our own herd we used a registered Guernsey bull on grade cows until his daughters began to come in, then we were so well pleased that I borrowed

Fillmore's Mary May 34295	A	87	May	1350.70	4.72	63.75	3679.00	174.32
Fillmore's Noanette 40979	D	85	May	1355.60	4.61	62.49	3514.90	159.70
Imp. Manor View Gully 40611	A	79	May	1588.70	4.88	77.53	3806.50	211.04
Raymond's Charmante 38408	B	25	May	907.40	5.56	50.45		
Topsy of Edgewater 45186	F	228	May	1023.90	4.60	47.10	7954.00	370.79
Kellogg, Spencer, Derby, N. Y.								
Buttercup's Excelsa 54780	G	177	May	911.60	4.40	40.11	5630.70	230.78
Clorinda of Lochevan 54777	F	366	Mar.	386.50	8.73	33.74	10341.20	507.53
Imp. Flossie of l'Etiennerie 26655	A	302	May	678.60	6.06	41.12	9272.70	498.14
Penelope of the Elm 44667	D	366	Apr.	407.80	3.96	16.15	11395.30	454.78
Una Primae 54778	G	292	May	558.10	6.23	34.77	6488.80	330.47
Wagtail's Echo 54779	F	177	May	771.30	5.69	43.89	4927.50	268.18
Kerr, C. L. & Son, Manilla, Iowa. 1 day test.								
Gallant Knight's Glenwood Girl 37614	B	208	Apr.	453.60	5.70	25.86	4601.50	252.09
Glenwood's Princess of Mapledell 58536	G	239	Apr.	462.40	4.86	22.47	4682.20	260.22
Jane Auburn of Mapledell 51061	G	237	Apr.	506.80	5.64	28.58	4446.80	250.31
Lady Jane Grey of Haddon 27378	A	237	Apr.	694.80	4.67	32.45	7621.50	363.98
Lady Jane of Mapledell 51060	E	234	Apr.	704.40	5.19	36.56	6408.80	315.89
Lalla of Waukesha 24771	A	271	Apr.	777.70	4.10	31.89	9672.10	389.70
Lalla Talladeen of Mapledell 35844	B	236	Apr.	684.40	4.50	30.80	6477.50	310.46
Richesse of Brooklandwood 37422	C	204	Apr.	571.30	4.85	27.71	4518.30	200.14
Klemm, Richard F., Baraboo, Wis. 1 day test.								
Galaxy's Daybreak 39373	C	121	May	1115.40	4.31	48.07	4311.55	202.96
Kuhtz, C. J. & Sons, Waukesha, Wis.								
Glendora of Alfalfa Farms 31069	A	286	May	701.50	4.88	34.23	7409.70	330.27
Glenwood's Dewdrop of Fox Valley 44745	F	230	May	751.80	4.69	35.26	6478.20	288.28
Robinia of Fox Valley 48554	G	244	May	506.10	5.51	27.89	4692.80	249.58
Violet of Fox Valley 49084	G	199	May	785.90	5.04	39.61	5523.30	259.73
Kunhardt, George E., North Andover, Mass.								
Annabel of Waumesit 36814	B	161	May	842.10	5.36	45.14	4711.80	236.03
Sonsie Mary of Waumesit 35055	A	199	May	819.60	5.85	47.95	6386.70	308.06
Leaton, Harry, Wyoming, N. Y. 1 day test.								
Madge's Pet of Alfred 49814	A	30	Apr.	1185.11	4.36	51.70		
Lehmann, O. W., Lake Villa, Ill.								
Billy's France's Honeymoon of Lewison 32491	A	224	May	1007.30	4.64	46.74	8157.90	355.37
Dawn of Maple Lane 42050	B	61	May	846.40	4.48	37.92	1759.60	79.11
Imp. Jane of Ampthill 7th 41331	A	92	May	1222.90	4.61	56.38	3416.50	168.15
Lizette of Arcady 33286	A	92	May	768.70	4.26	32.75	2367.40	93.64
Normandie's Maid 42051	E	366	May	337.40	5.63	19.00	8719.40	382.95
Imp. Rose of les Prevosts II. 41624	B	92	May	1251.20	4.20	52.55	3473.90	153.33
Lincoln, Alfred L., Norwell, Mass.								
Duchess of Manomet 45022	F	204	May	849.80	5.31	45.12	6127.10	307.96
Flossie of Ford Farm 26082	A	80	May	1333.00	6.07	80.91	3742.50	191.55
Imp. Galaxy's Blanche Daisy 34987	A	366	May	219.60	5.97	13.11	11934.30	610.95
Nancy Belle of Canterbury 26463	A	183	May	907.10	5.26	47.71	6276.10	312.20
Queen of Brock Hill 51271	G	124	May	935.00	4.28	40.02	4265.90	180.33
Roxanna C. 25143	A	358	May	741.30	5.97	44.26	13180.20	658.42
Ximesses M. 35845	B	262	May	1172.70	5.36	62.86	11467.50	541.13
Yosemite of Brock Hill 57710	G	292	May	976.20	4.95	48.32	10119.40	474.06

Lindsay, T. P., Southboro, Mass.								
Armorel Ann of Waumesit 29501	A	183	May	1028.00	5.81	59.73	6962.70	362.62
Armorette of Waumesit 31611	A	145	May	1100.10	4.90	53.90	5940.90	260.40
Lynbrook Farm's Archeress 47566	G	111	May	863.50	4.50	38.86	3195.40	133.58
Waumesit's Armorel 4th 43422	E	183	May	520.90	5.63	29.33	4179.90	223.24
Lord, Charles E., Wells, Me. 1 day test.								
Creusa of the Elms 2d 25818	A	21	Apr.	955.50	3.87	36.98		
		52	May	1310.30	5.16	67.61	2265.80	104.59
Piquintina of the Elms 37154	B	21	Apr.	504.00	4.64	23.39		
		52	May	770.50	5.54	42.69	1274.50	66.08
Mackay, Clarence H., Roslyn, N. Y. 1 day test.								
Brunette of Harbor Hill 53909	C	126	May	1184.30	5.20	61.58	4826.90	250.48
Golden Masher's Lady 28012	A	151	May	1404.60	4.51	63.35	6551.20	294.16
Linden Girl 42762	B	246	May	1230.20	5.01	61.63	10842.50	539.34
Linden Girl of Harbor Hill 2d 52836	C	124	May	1408.60	5.21	73.39	6206.80	291.65
Linden Girl of Harbor Hill 3d 58625	F	355	May	1096.10	5.37	58.86	12603.90	640.55
Nivolette of Harbor Hill 52936	D	222	May	1019.00	4.30	43.82	8193.10	357.98
Macy, V. Everit, Ossining, N. Y.								
Archer's Caroline of Chilmark 40860	C	31	May	1347.40	3.65	49.18		
Beatrice of the Isles 2d 28011	A	7	May	298.90	4.52	13.51		
King Masher's Lenore 48899	G	31	May	995.90	4.28	42.62		
March & McGrew, Dassel, Minn.								
Imp. Classic of Sarnia 46536	D	136	Apr.	745.00	3.98	29.65		
		167	May	724.20	3.88	28.10	4848.60	197.96
Imp. Comma of Sarnia 46576	D	229	Apr.	612.50	4.91	30.07		
		260	May	600.90	5.08	30.53	6505.00	319.24
Marken, Otis A., Valders, Wis.								
Lady Alice of Clover Lea 49178	G	213	May	565.00	5.03	28.47	5111.30	264.30
Lily of Clover Lea 46194	G	255	May	587.20	4.73	27.77	5873.50	282.46
Lovelady 23946	A	197	May	753.70	5.16	38.89	5826.60	288.99
Lovelady's Buttercup 41001	E	239	May	600.80	5.65	33.95	5811.20	322.89
Model May 37693	C	232	May	951.20	4.57	43.47	8268.30	378.00
Model Princess 22887	A	79	May	951.60	4.22	40.16	2423.10	106.19
Queen Maud of Valders 33025	A	152	May	677.20	5.35	36.23	3909.80	208.14
Robinette of Clover Lea 49177	G	233	May	732.90	4.89	35.84	6773.90	318.39
Markham, W. G., Avon, N. Y.								
Belle of Canandaigua 44832	F	350	Apr.	521.60	5.46	28.48	7992.00	421.52
Cold Brook's Masher Rosie 42374	F	243	Apr.	740.50	6.24	46.21	7101.50	416.76
Imp. Nellie of the Courtil Blicq 51800	E	329	Apr.	525.30	6.04	31.73	7078.70	396.44
Marsh, W. W., Waterloo, Iowa. 1 day test.								
Dairymaid's Alyssum 44988	F	198	May	772.10	5.80	44.78	4723.10	254.25
Imp. Daisy III. of Vaux Renier 43624	D	366	May	449.50	5.64	25.35	9792.90	542.67
Imp. Dora II. of les Marais 37737	A	121	May	1789.70	5.33	95.39	7628.00	374.40
Imp. Figtree IV. 43648	D	266	May	977.40	4.89	47.79	9358.00	429.13
Fleurie Mar 43156	D	157	May	646.30	5.38	34.77	4276.60	220.65
Flora of Iowa 40446	C	72	May	986.90	4.14	40.86	2538.00	110.66
Imp. Flora V. of the Effards 52346	A	258	May	830.70	4.54	37.71	7634.70	305.18
Imp. Hayes Felois 7th 53140	A	144	May	1219.20	4.77	58.16	6167.00	275.26
Imp. Hayes Friquet 2d 44979	D	67	May	1037.00	4.35	45.11	2338.30	98.59

$300 and bought three registered Guernsey heifers.

From this small start, five years ago, we have sold two cows for $560, five bulls at an average of $45 each, and I recently sold a heifer calf ten months, and eight days old for $225 spot cash, and our herd now numbers thirteen head, ten cows and three calves, for which we were recently offered $275 per head for the cows and $325 for the three heifer calves.

After receiving $225 for the heifer calf and getting the good offer for the others, it has enabled me to store up enough purebred enthusiasm to last a lifetime, because I believe there is a great future for the young man that is breeding good dairy stock.

I recently filled an order for some South Carolina farmers for twenty-nine head of high grade and registered Guernseys, for which they paid the Virginia farmers nearly $4,200. In January I shipped these same South Carolina farmers $3,000 worth of grade Guernseys. I could not find them in Virginia and was compelled to leave that money with Maryland farmers. When more farmers in this state have learned the value of good purebred bulls, we can fill orders for dairy stock without going out of the state. In the past seven years, I have purchased $97,000 worth of dairy cows for Southern farmers and nearly all of this money has gone North and West. Dairying is yet in it infancy, so let's start now to raise nothing but good dairy stock. A two and a half year old heifer is worth more money than two steers is the same age.

—C. T. Rice, Fairfax Co., Va.,
in Southern Planter.

Wisconsin

The Guernsey for Condensaries.

E. M. Fitzmaurice of Berlin, Wisconsin, sends the following news item:

"I have just shipped to E. D. Grove of Grafton, Pennsylvania, a registered Guernsey bull.

"Farmers in this section are being converted to the Guernsey breed. Many are patrons of the Carnation Condensary and high testing milk such as the Guernsey cow produces means larger checks. The remedy is a Guernsey bull, because cows cannot be purchased."

Rock County Organizes Guernsey Breeders' Association.

On May 6th, there was organized the Rock County Guernsey Breeders' Association with sixteen charter members. The following officers were elected: President, W. A. Munn, Janesville; 1st Vice President, Theo. A. Clark, Edgerton;

Treasurer, J. A. McComb, Milton; Secretary, E. M. Erikson, Janesville. Twenty-four more members have been added, making a membership of forty at the present time. This we consider a good showing when taking into account the short time we have been organized and also the fact that ten years ago the Guernsey herds in this county could be counted on the fingers of one's hands. The co-operative feeling is very mainfest among the breeders and we have hopes that we will build a strong and lasting association. A show herd is now being brought together which will be shown in the name of the association at the several fairs in this county, and if the winnings justify, they may be kept out some little time.

—E. M. Erikson, Secretary.

General

National Dairy Show Association Opens Offices in Springfield, Mass.

The National Dairy Show Association has opened an office in Springfield, Mass., adjoining the offices of the Eastern States Exposition in the Board of Trade, which will be maintained permanently until after the show, October 12 to 21, inclusive. The Exposition is now putting its capital of $750,000 into a permanent plant consisting of a park of 170 acres and a group of exposition buildings to house the "National "this year and establish a headquarters for its movement for the betterment of the agriculture of New England and the eastern states.

—W. A. Parcelle, Publicity Manager.

The Best Cow.

Anyone in doubt as to what breed
Of cattle to get for every need
Will find the Guernsey is the best
And *only* one that will stand the test.

The Guernsey will more than pay for her feed.
'Tis something you cannot say of every breed.
But she'll prove gentle and be a great pet
And you'll be surprised all the money she'll net.

Of course you must give her water and feed
And supply every comfort a cow will need,
Then she'll repay you and more too
By giving more milk than most cows do.

This milk is richer in butter fat
Than scrub cows' milk, and so that
Is the reason why each time I'll take
The best—the Guernsey—for what she'll make.

—Nettie V. Gay.

Imp. Hayes Millie 2d 44977	D	106	May	1258.00	4.97	62.52	4421.50	197.70
Imp. Hayes Snowdrop 4th 44967	B	183	May	909.80	4.58	41.67	6702.30	298.44
Imp. Hayes Snowdrop 5th 44973	C	58	May	884.50	4.53	40.07	1677.20	74.46
Imp. Hayes Snowdrop 7th 53142	G	152	May	615.80	5.24	32.27	3095.50	155.43
Helene of Iowa 40447	D	106	May	1060.30	4.55	48.24	4025.10	176.07
Imp. Itchen May Rose 6th 40319	B	326	May	803.50	4.88	39.21	12889.50	555.72
Imp. Itchen Pine Blossom 2d 40312	A	116	May	994.50	4.88	48.53	4471.90	213.22
Imp. Jessamine of the Ponchez 52788	B	168	May	1105.20	5.32	58.80	6733.90	339.10
Lady Elizabeth of The Maples Farm 43372	E	117	May	1035.40	3.77	39.03	4562.60	169.44
Lillia of Iowa 43159	E	233	May	1057.50	5.07	53.62	8875.30	463.87
Imp. Maggie of Alderney 43919	B	213	May	824.60	4.73	39.00	7488.20	340.33
Imp. Marie II. of la Maison d'Aval 34355	B	366	May	277.30	5.25	14.56	14133.40	711.68
Mythop of Iowa 40985	C	92	May	639.40	4.47	28.58	2195.70	97.12
Imp. Polly of le Briquet 43669	C	56	May	1360.10	4.31	58.62	2506.10	104.35
Pride's Jane of Iowa 62031	E	183	May	754.30	5.83	43.93	5182.30	270.66
Imp. Princess Bergere 33074	A	224	May	1171.10	4.79	56.10	9303.90	406.97
Imp. Robert's Boy's Grace Darling 52349	B	239	May	980.40	5.40	52.94	8305.60	449.66
Imp. Roehampton Lily of the Preel 2d 52345	A	61	May	1395.50	4.16	58.05	2883.20	126.34
McKerrow, George & Sons Co., Pewaukee, Wis.								
Imp. Bordeaux of Courtil Bree 51983	G	235	Apr.	704.60	5.83	41.03	6121.00	336.88
Carolotta's Queen 48633	F	350	Mar.	306.00	7.31	22.37		
		366	Apr.	165.90	7.31	12.13	8193.40	463.26
Imp. Governor's Ella of McKerrow Farms 53186	G	67	Apr.	895.40	4.45	39.85	2050.60	85.08
Julia Ann's Pride 40153	D	193	Apr.	846.50	4.71	39.87	6462.90	305.92
Lady Lishman 27756	A	115	Apr.	1403.20	4.93	69.83	5392.00	268.81
Imp. McKerrow's Betsey of Lilyvale 55357	E	83	Apr.	827.40	3.45	28.55	2390.80	92.14
Imp. McKerrow's Bijou 53173	D	22	Apr.	1035.70	4.11	42.57		
Imp. McKerrow's Northern Lady 53172	D	115	Apr.	940.30	3.99	37.52	3689.00	166.83
Imp. Sunrise of Primrose Farm 51975	F	167	Apr.	783.90	4.86	38.10	4746.50	250.78
Michigan Agricultural College, East Lansing, Mich.								
Hopeful Lady 48834	G	83	May	981.50	6.08	59.68	2801.00	151.59
Minnesota, The University of, St. Paul, Minn.								
Miss Nancy of Canterbury 26465	A	13	Apr.	530.90	4.90	26.01		
		44	May	1546.90	3.98	61.57	2077.80	87.58
Imp. Victorina of Sarnia 35669	A	22	Apr.	861.70	5.20	44.81		
		53	May	1542.90	4.92	75.91	2404.60	120.72
Mitchell, Ben B., Troy, Pa.								
Imp. Forest Rose of the Merriennes 49067	C	183	May	544.90	5.65	30.79	3715.20	187.78
Imp. Ladock Rose of Gold 53969	D	92	May	976.50	5.40	52.73	2919.50	144.40
Imp. Polly des Prevosts II. 49077	D	121	May	737.80	5.90	43.53	3151.90	163.02
Imp. Satellite of Dixcart 49076	D	121	May	955.40	5.27	50.35	3922.30	192.18
Imp. Snowdrop of Melrose 53790	D	76	May	916.00	5.72	52.40	2351.20	126.74
Imp. Trewidden Marigold 54008	E	77	May	758.10	5.18	39.27	2073.20	103.05
Mitchelson, Ariel, Tariffville, Conn.								
Beauty Bloom of Ostrich Farm 40908	D	141	May	714.55	4.43	31.65	4152.25	172.93
Mixter, Est. George, Hardwick, Mass.								
Cousin of Mixter Farm 38844	A	307	Apr.	684.10	5.34	36.53	8299.30	420.89

Dayspring's Glen of Hardwick 58330	G	258	Apr.	477.50	5.99	28.60	4512.50	233.32
Duke's Fairy 48390	C	131	Apr.	1003.60	5.31	53.29	4625.50	231.43
Floy of Mixter Farm 38529	A	317	Apr.	674.00	4.70	31.68	8238.50	365.25
Grace of Mixter Farm 47064	B	252	Apr.	685.00	5.83	39.94	6858.80	371.44
Lady Germania 26418	A	366	Apr.	40.50	5.65	2.29	11036.00	577.57
Mixter Acorn 58053	G	94	Apr.	771.40	4.74	36.56	2434.20	116.15
Mixter Belle 58034	F	243	Apr.	585.60	5.70	33.38	4826.00	255.23
Mixter Dawn 58048	G	335	Apr.	733.00	6.09	44.64	8274.20	454.78
Mixter Faith 48711	C	2	Mar.	63.90	4.48	2.86		
		32	Apr.	1279.50	4.48	57.32	1343.40	60.18
Mixter Fay 54260	F	327	Apr.	650.40	5.50	35.77	7467.00	394.24
Mixter Gelenina 48391	B	90	Apr.	846.40	5.33	45.11	2762.50	144.28
Mixter Germania 48392	C	151	Apr.	787.90	5.15	40.58	4476.40	216.66
Mixter Helen 58040	F	254	Apr.	672.40	5.82	39.13	5464.50	299.10
Mixter Lara 58058	G	100	Apr.	918.80	4.43	40.70	3126.20	140.82
Mixter Mabel 59804	G	106	Apr.	831.20	5.06	42.06	2925.10	142.24
Mixter Muriel 58071	G	334	Apr.	697.50	5.94	41.43	8175.60	458.69
Nobska Fay of Mixter Farm 46363	B	114	Apr.	982.20	5.11	50.19	4066.10	204.43
Norfolk Select 54266	F	317	Apr.	664.60	6.42	42.67	7934.80	445.72
Picotte's Select of Mixter Farm 47068	A	74	Apr.	1272.80	4.16	52.95	3137.20	128.28
Thirty Thousand Six Hundred Ten 30610	A	129	Apr.	1077.90	4.17	44.95	4888.60	199.66
Thirty Thousand Six Hundred Eleven 30611	A	366	Apr.	20.00	5.49	1.10	10574.30	520.45
Thirty Thousand Six Hundred Fifty 30650	A	235	Apr.	1321.40	5.59	73.87	11027.20	576.35
Thirty Thousand Six Hundred Fifty Eight 30658	A	366	Apr.	94.70	5.38	5.09	10881.30	536.41
Thirty Thousand Six Hundred Seventy One 30671	A	249	Apr.	769.70	4.97	38.25	7655.50	361.68
Thirty Thousand Eight Hundred Forty 30840	A	366	Mar.	224.70	5.45	12.25	10744.60	514.15
Yeoman's Mixter Anne 58064	G	96	Apr.	867.20	4.87	42.23	2867.40	147.68
Yeoman's Mixter Belle 62946	G	18	Apr.	478.10	5.17	24.72		
Yeoman's Mixter Doris 58052	G	258	Apr.	649.90	5.79	37.63	5333.10	296.54
Yeoman's Mixter Fay 58065	G	90	Apr.	857.10	5.08	43.54	2632.30	133.44
Yeoman's Mixter Lady 58057	G	165	Apr.	789.40	5.11	40.34	4684.40	231.18
Yeoman's Mixter Maid 58054	G	224	Apr.	662.20	5.69	37.68	4891.30	269.90
Yeoman's Mixter Moonbeam 58069	G	231	Apr.	552.10	5.86	32.35	4515.40	256.02
Yeoman's Mixter Queen 58059	G	40	Apr.	986.40	5.88	58.00	1247.40	70.79
Moody, Mark H., Waterbury, Vt. 1 day test.								
Martha Winn 45271	G	366	Apr.	418.30	5.36	22.42	6186.20	271.47
Mollie H. Hope of Caldwell 26764	A	282	Apr.	643.50	5.91	38.03		
		313	May	603.00	5.49	33.10	7343.00	380.07
Morgan, G. E., Woodhull, N. Y. 1 day test.								
Bessie W. 25339	A	152	May	1507.10	4.55	68.57	7057.62	326.46
Moseley, F. S., Newburyport, Mass.								
Hawthorn of Maudesleigh 36085	C	357	May	546.80	5.80	31.71	9301.00	442.27
Princess May of Maudesleigh 47995	C	181	May	938.50	5.95	55.84	5964.90	324.26
Queen of Green Hill Farm 25880	A	366	May	349.10	5.75	20.07	12026.70	572.95
Rose Bloom of Maudesleigh 53680	E	213	May	733.20	6.25	45.83	6090.20	331.93
Murphy, Miss Maud W., Wawa, Penn.								
Queen of Glenhurst 36874	C	280	Apr.	780.40	6.36	49.63	8690.80	460.69
Nebraska, University of, Lincoln, Nebr.								
Squire des Blicq's Helene of Beatrice 47999	G	223	May	685.80	5.12	35.11	5308.60	255.27
Squire des Blicq's Ramona of Beatrice 49001	G	220	May	262.80	5.24	13.77	3611.30	175.36

$500 Awarded for Judging Dairy Products.

The Massachusetts Society for Promoting Agriculture, through the Eastern States Exposition, announces the offer of $500 in gold coin, to be awarded for the judging of dairy products at the National Dairy Show, Springfield, Mass., October 12 to 21, as follows: To student teams representing any agriculture college in the country, $150, $100, $50, and $25; to individual students, $75, $50, $30, and $20.

The organization making this offer is the oldest agricultural society in the world; it was founded in 1792. In 1816, at Brighton, Mass., it conducted the first cattle show in the United States.

—W. A. Parcelle, Publicity Manager.

Foreign

Awards at Whitsun Cattle Show, Held at Fair Field, Castel, Guernsey, Tuesday, June 13, 1916.

Judging began at 10.30 in the morning. Among the officials who were present were Mr. Osmond Priaulx (President), Messrs. John Carre, W. H. Foote, and Arthur W. Bell (Vice-Presidents), and Messrs. J. Le Page, Thomas Langlois, A. Le Patourel, James La Page, Ernest de Garis, A. E. Brouard, P. Le Page, P. Martel, senr., Frederick Jehan, the Hon. C. R. Molesworth, John W. Tostevin, T. R. Gallienne, T. Mansell Simon, Edward P. Mahy, N. J. Heaume, Charles Kitts and J. G. Browning, of the Show Committee. Mr. Henry Carre (Secretary-Treasurer), and Mr. T. Savident (Assistant-Secretary) spent a very busy day.

Bulls.—27 months and over.

1. Governor of Myrtle Place II 2746 P. S., Ernest De Garis, Myrtle Place, Castel.
2. Governor of Carteret 3421 P. S., P. H. Nant, Carteret, Castel.
3. Justinee's Kieora 3239 P. S., Geo. E. De Garis, St. Leddards, Castel.
4. Sequel's Delight 2442 P. S., Alfred Le Patourel, La Ramee, St. Peter Port.
5. Sailor King 3364 P. S., Chas. Kitts, 19 Smith St., St. Peter Port.

Reserve—Monarch of the Hougue 3396 P. S., Geo. H. Froome, School Lane, St. Martins.

Bulls.—18 months and under 27.

1. Raymond of Mt. Plaisant 3571 P. S., E. F. Falla, Mont Plaisant, Castel.
2. Golden Noble II. of the Briquet 3618 P. S., John Le Page, Le Briquet, St. Saviour's.
3. Betsey's Pride of the Ponchez 3583 P. S., T. R. Gallienne, Le Ponchez, Castel.

4. Hunguets de Bas Winsome 3643 P. S., W. H. Guilberts, Hunguets de Bas, St. Andrew's.

5. Hunguets Pearl King 3605 P. S., Peter Martel, jun., Hunguets Farm, St. Andrew's.

6. Osseo des Blancs Bois 3611 P. S., A. J. Hocart, Les Blancs Bois, Castel.

7. Lively's Sailor Boy of Les Quartiers 3622 P. S., James Stacey, Les Quartiers, St. Sampson's.

Reserve—Sailor of Maple Lodge 3535 P. S., E. P. Mahy, Maple Lodge, Vale.

Bulls.—15 months and under 18.

1. Vallon May Rose Lad 3744 P. S., Le Vallon Farm, St. Martin's.

2. Compact of St. Leddards 3759 P. S., Geo. E. De Garis, St. Leddards, Castel.

3. Mota's Pride du Moulin 3750 P. S., A. Rougier, New Place, St. Saviour's.

4. Bickleigh Chieftain 3742 P. S., H. Hamley, Bickleigh, St. Sampson's.

5. Sequel's Victor II. 3772 P. S., A. Le Patourel, La Ramee, St. Peter Port.

Bulls.—Under 15 months.

1. Ivy's Emblem 3804 P. S., Frederick Phillips, Frie Baton, St. Saviour's.

2. Valentine's Honour of the Passee 3784 P. S., Henry T. Nant, Passee Villa, St. Sampson's.

3. Violet's Governor of La Houguette 3781 P. S., E. F. J. Torode, La Houguette, Castel.

Reserve—Primrose's Brilliant of the Gree 3790 P. S., Thomas Langlois, Le Gree, Torteval.

Cows.—6 years and over.

1. La Fleur du Jardin XII. 5619 P. S., Ernest De Garis, Myrtle Place, Castel.

2. Valentine III. 7514 P. S., H. T. Nant, Passee Villa, St. Sampson's.

3. France XXVIII. 8333 P. S., E. T. P. Ozanne, Le Groignet, Castel.

4. Polly I. of the Beaulin 5913 P. S., Mrs. E. M. Le Page, Maison de Bas, St. Andrew's.

5. Grand Fort Maid 4178 F. S., E. Roussel, Les Abreuveurs, St. Sampson's.

6. Buttercup II. of la Houguette 8220 P. S., E. F. J. Torode, La Houguette, Castel.

7. Queen of La Ramee 3066 F. S., A. R. Tostevin, King's Mills Lodge, Castel.

8. Rousaillerie Lady 8000 P. S., J. T. White, La Roussaillerie, St. Peter Port.

9. Daisy of Mt. Plaisant 2981 F. S., E. F. Falla, Mont Plaisant, Castel.

10. Rousaillerie Rose 3508 F. S., J. T. White, La Roussaillerie, St. Peter Port.

11. Angerosa 3964 F. S., J. W. Le Page, Le Villocq, Castel.

Nissley, S. R., Manheim, Penn. 1 day test.								
Begalore's Rosebud 63265	G	121	May	908.20	4.23	38.42	3782.00	170.56
Lark of Brookdale 38125	A	20	Apr.	1057.50	5.19	54.88		
		51	May	1675.10	5.19	86.94	2732.60	141.82
Prince's Lady 63860	G	57	May	955.10	3.92	37.44	1669.40	83.87
North Dakota Agricultural College, Agricultural College, N. D.								
Yeksaproud 36115	B	200	May	722.70	5.90	42.64	5615.90	308.08
Oglebay, E. W., Wheeling, W. Va.								
Imp. Fancy's Princess of St. Saviour's 60603	G	242	May	775.50	4.44	34.43	6578.20	271.34
Pride's Dawn of Waddington 48112	G	244	May	601.60	5.70	34.29	5711.80	300.19
Imp. Primrose II. of the Houguette 50404	A	366	Apr.	12.60	6.99	.88	9493.80	506.03
Raider's Dorothy of Waddington 48107	G	221	May	787.00	5.92	46.59	5994.60	279.91
Raider's Lily of Waddington 48109	F	71	May	987.50	5.23	51.65	2277.80	110.49
Raider's Retta of Waddington 51409	G	80	May	768.70	4.55	35.98	2189.90	99.27
Raider's Rose of Waddington 48269	G	92	May	886.30	5.25	46.53	2701.40	133.43
Imp. Rushington Ivy 5th 47738	A	13	Apr.	508.20	4.75	24.14		
		44	May	1383.50	4.75	65.72	1891.70	89.86
Oregon Agricultural College, Corvallis, Ore.								
Alcina of Upper Freehold 38469	B	69	Apr.	1110.80	4.90	54.43	2519.40	125.83
Parnall, C. G., Jackson, Mich. 1 day test.								
Ena of the Oaks 37672	C	213	May	544.70	5.83	31.76	6031.00	312.97
Erma of Hillhurst 35497	A	87	May	1249.90	4.69	58.62	3669.10	168.15
Honoria of Halcyon 38076	D	347	May	1017.70	5.06	51.50	12453.20	584.37
Langwater Suffragette 29730	A	171	May	1071.60	5.19	55.62	6449.10	324.09
Richesse of Halcyon Farm 37134	B	11	May	377.00	4.72	17.79		
Payne, Edgar S., Penn Yan, N. Y. 1 day test.								
Carolotta of Sunnyside 26513	A	31	May	1137.80	5.17	58.82		
Jessica of Sunnyside 26517	A	152	May	850.50	5.36	45.59	4297.90	216.81
Violet of Pine Ridge 57526	G	152	May	690.50	5.34	36.87	3239.70	181.05
Person, E. S., Minot, N. D. 1 day test.								
Glenwood's Auricle of Elmwood 48473	G	158	Mar.	535.00	6.47	34.61		
		188	Apr.	517.40	5.67	29.34		
		219	May	606.30	5.27	31.95	4890.60	263.40
Lura Marshall of Elmwood 42366	G	349	Mar.	468.90	7.46	34.98	7918.80	437.56
Imp. Raymond's Sweet Maid 50304	F	356	Mar.	563.50	6.06	34.15		
		366	Apr.	175.20	6.06	10.62	10306.30	507.66
Petteys, John S., Greenwich, N. Y.								
Lily Ann of Applecot 34763	D	365	Dec.	21.50	6.80	1.46	9042.50	416.72
Phillips, M. T., Pomeroy, Pa.								
Consuela of Pomeroy 46097	G	336	May	241.70	5.11	12.35	5810.00	265.34
Gerar Pearl 23595	A	247	May	1091.10	4.91	53.57	9186.00	440.97
Hope of Pomeroy 38174	B	96	May	1408.50	4.42	62.26	4745.40	218.44
Manoa's Butterwitch 34611	B	315	May	411.90	5.08	20.92	7066.40	332.31
Pearl of Pomeroy 40325	D	215	May	1143.10	5.66	64.70	7694.10	391.31
Royal's Toma 48830	G	227	May	768.90	5.43	41.75	6464.90	303.42
Porter, W. T., Dover, Mass.								
Evelyn of Hylsted 36073	C	332	May	437.90	5.37	23.52	6747.40	345.41
Gretel of Hylsted 36072	C	366	Apr.	362.10	6.11	22.12	8728.90	461.58
Isolt of Hylsted 2d 43319	F	343	May	457.80	5.64	25.82	5507.20	297.80
Mary of Hylsted 36078	C	308	May	604.80	5.79	35.02	7514.60	409.12
May of Hylsted 25966	A	366	May	111.20	5.35	5.95	8452.30	425.97
Millie of Hylsted 38735	E	365	May	137.10	8.78	12.04	6578.10	374.98
Post, Otto W., Ensenore, N. Y. 1 day test.								
Helen of Owasco Lake 36801	B	228	May	966.30	4.71	45.51	7907.00	386.41
Hestia Bay 41187	E	243	May	743.40	5.48	40.74	6176.70	347.55

Ledyard's Von Davreeda 41186	D	174	May	1011.10	5.03	50.86	5968.70	304.10
Lizetta III. 41183	D	243	May	1037.30	4.68	48.54	8015.20	374.29
Lizetta's Ruth 27803	A	120	May	1293.50	4.67	60.41	5607.60	258.21
May Bay 41189	E	227	May	576.50	5.05	29.11	5088.90	268.56
Old Faithful's Sibylla 47763	G	200	May	742.70	4.86	36.10	5250.60	244.83
Ruth of Owasco Lake 36800	B	183	May	1129.60	4.02	45.41	7700.10	300.07
Sibylla's Queen 31174	A	87	May	1352.50	4.90	66.27	4181.30	196.88
Von Davreeda 20735	A	30	Apr.	1035.90	4.07	42.16		
		61	May	965.90	4.35	42.02	2001.80	84.18
Pyne, Percy R., Bernardsville, N. J.								
Coraleona of Upton Pyne 42372	D	70	May	1339.70	4.49	60.15	2770.70	128.98
Ethel of Upton Pyne 46315	F	189	May	573.80	4.46	25.59	4232.90	184.02
Gladys of Upton Pyne 38069	D	366	May	74.10	6.02	4.46	10357.10	531.90
Goldie of Upton Pyne 44417	F	301	May	538.50	5.43	29.24	6718.60	336.99
Marguerite of Upton Pyne 30489	A	333	Apr.	660.90	5.29	34.96		
		364	May	641.10	5.29	33.91		
		366	June	38.00	5.29	2.01	11137.20	552.78
Mariana of Upton Pyne 34552	A	366	Apr.	176.40	7.56	13.37	9827.60	553.00
Tulip of the Glen 29562	A	286	May	743.10	5.17	38.42	8596.10	407.15
Rather, Armand P., Peebles, Wis. 1 day test.								
Hildred 3d 45560	F	177	Mar.	511.20	7.40	37.83		
		207	Apr.	461.20	7.16	33.02	3860.00	258.60
Lelah Rosebud 40048	A	97	May	1120.90	4.35	48.76	3502.80	160.84
Silver Darling of Oak Lawn 48862	G	200	May	562.00	5.23	29.39	4384.80	191.74
Silver Rose of Oak Lawn 52136	G	131	May	978.20	4.64	45.39	4182.30	180.07
Silver Tricksey of Oak Lawn 47231	G	229	May	768.80	5.51	42.36	5818.50	294.03
Rather, W. F. & Son, Peebles, Wis. 1 day test.								
Hildred 31846	A	366	May	268.40	5.60	15.03	10041.80	527.87
Ray, Harold G., Albion Mich. 1 day test.								
Dolly Bishop of Elm Row 59546	G	247	May	356.40	6.35	22.63	3420.20	186.30
Rose Bishop's Tricksey of Elm Row 38959	D	247	May	337.60	4.65	15.70	4877.70	218.52
Ray, G. W., Albion, Mich. 1 day test.								
Elm Row May Kirk 59545	G	247	May	382.10	6.10	23.31	3442.00	188.19
Elm Row Namouna's Lady 60062	G	222	May	451.00	5.71	25.75	3685.30	197.16
Queen Rosie of Maple Shade 36625	C	264	May	661.60	5.60	37.05	7239.40	351.40
Richards, Eben, Oxford Depot, N. Y.								
Imp. Lalla of Calvert 46360	F	24	Apr.	683.50	4.46	30.48		
Roberts, T. W. & I. W., Bala, Penn.								
Clover of Pencoyd 3d 48274	G	219	May	911.20	5.59	50.94	6519.60	354.64
Little Nell of Pencoyd 49195	G	121	May	911.50	4.07	37.10	3978.50	183.25
Nella Jay 3d 35082	A	213	May	1113.90	4.59	51.13	7964.70	371.49
Nella Jay 4th 38233	D	354	May	1151.40	5.03	57.92		
		366	June	483.60	5.03	24.33	16039.90	769.33
Noreen of Pencoyd 51036	G	18	May	515.60	4.58	23.61		
Queen of Pencoyd 43799	F	160	May	819.70	4.96	40.66	5062.40	231.49
Queen Salem of Pencoyd 62539	G	127	May	845.20	5.22	44.12	3720.30	192.98
Red Rose of Pencoyd 36494	B	122	May	811.10	5.25	42.58	3412.20	164.41
Red Rose of Pencoyd 2d 62132	G	155	May	873.50	4.71	41.14	4760.20	206.17
Roebling, F. W., Trenton, N. J.								
Imp. Billy's France's Freesia 27573	A	366	Apr.	123.50	5.64	6.97	8310.40	402.05
Imp. Bon Espoir of the Hechet 39737	D	333	Apr.	611.60	6.23	38.10		
		364	May	633.20	6.28	39.76	9207.40	502.60

12. Bon Espoir XVI. 9158 P. S., James Le Page, Neuve Maison, Castel.

Reserve—Golden Secret 7721 P. S., A. J. Hocart, Les Blancs Bois, Castel.

Cows—3 years and 6 months, and under 6 years.

1. Flora II. of Vimiera 11541 P. S., F. Belloir, Vimiera, St . Peter Port.
2. Lenore IV. of Vimiera 12271 P. S., F. Belloir, Vimiera, St. Peter Port.
3. Baince of Rozel 12086 P. S., John Sherwill, La Vrange, St. Peter Port.
4. Dairy Maid of the Haut Pave 4934 F. S., A. Williams, Cobo View, Castel.
5. Lady Forgette VII. 10906 P. S., P. D. Ozanne, Les Pelleys, Castel.
6. Primrose of the Gree IX. 10176 P. S., Le Vallon Farm, St. Martin's.
7. Lady Richmond II. 10104 P. S., T. M. Vidamour, La Ruette, St. Saviour's.
8. Dolly Dimple of the Chene 4801 F. S., F. W. Jehan, La Chene Farm, Forest.

Reserve—Ruby Bell IV. 10576 P. S., F. W. Browing, Les Eperons, St. Andrew's.

Cows.—Under 3 years and 6 months.

1. Cyrene of the Rouvets 13664 P. S., J. Alles Simon, Les Rouvets, St. Saviour's.
2. Maisie of the Quartre Vents 13315 P. S., Chas. Kitts, 19 Smith Street, St. peter Port.
3. Daisy of the Frie V. 12382 P. S. F. R. Norman, Les. Bordages, St. Saviour's.
4. Sylvia IV. of the Vauxbelets 12671 P. S., L. Maisonneuve, Les Vauxbelets, St. Andrew's.
5. Rosebud of the Effards 13121 P. S., F. Le Parmentier, Les Effards, Castel.
6. Miss Violet of the Carrefour 13301 P. S., John N. Girard, Carrefour, Castel.
7. May Rose of the Masse XII. 12429 P. S., P. Martel, La Masse, Castel.

Reserve—Flora of the Courtillios 12852 P. S., G. H. Froome, School Lane, St. Martin's.

Heifers—2 years and 3 months, and over.

1. Rochina III. of Bickleigh 13204 P. S., H. Hamley, Bickleigh, St. Sampson's.
2. Lady Richmond V. 13365 P. S., T. M. Vidamour, La Ruette, St. Saviour's.
3. Lily III. of Vimiera 13432 P. S., F. Belloir, Vimiera, St. Peter Port.
4. Angulosa of the Hall 13606 P. S., H. J. Ozanne, Lilyvale, Castel.
5. Majestic's Buttercup of Duvallerie 13352 P. S., Nicholas Hubert, Grande Rue, Vale.
6. Amelia of Millmount XIII. 13447 P. S., Mrs. J. Le Page, Millmount, Castel.

7. Noble Lady of Brookdale 13644 P. S., W. Mauger, Les Rosiers, St. Peter Port.
8. Pride's Dairy Maid of Duvaux 13063 P. S., E. H. Ogier, Duvaux, St. Sampson's.
9. Jeannette of Valongis V., H. B. Ogier, Le Coudre, St. Peter's.
10. Jubilian III. of Sunnyside 13363 P. S., R. C. Taylor, Montville, St. Peter Port.
11. Clara of Maple Lodge 13578 P. S., E. P. Mahy, Maple Lodge, Vale.
12. Dido of the Gele 13771 P. S., J. F. De Garis, Gele, Castel.

Reserve—Blanch Heba of les Pelleys de Bas 14305 P. S., Thos. W. Martel, St. Briocq, Castel.

Heifers—20 months and under 2 years 3 months.

1. Nelly of the Ponchez 13971 P. S., T. R. Gallienne, Ponchez, Castel.
2. Hon. Lady Jebb of the Chene Farm 13958 P. S., F. W. Jehan, La Chene Farm, Forest.
3. Lady of Les Pelleys 13879 P. S., P. D. Ozanne, Les Pelleys, Castel.
4. Jipsen of Les Pelleys de Bas 13819 P. S., T. W. Martel, St. Briocq, Castel.
5. Reality of Les Pelleys de Bas IV. 13820 P. S., T. W. Martel, St. Briocq, Castel.
6. Lady May of the Spurs 13767 P. S., F. W., Browning, Les Eperons, St. Andrew's.
7. Bon Espoir Nanny 13828 P. S., J. Le Page, Neuve Maison, Castel.
8. Valentine of Carteret 14128 P. S., P. H. Nant, Carteret, Castel.
9. Lily, E. F. Falla, Mont Plaisant, Castel.

Reserve—Jenemie's Fanny III. 13788 P. S., Geo. E. Williams, l'Eclet, St. Peter's.

Heifers.—15 months and under 20 months.

1. Sequel's Nellie of the Vrangue 14536 P. S., W. Maugier, Les Rosiers, St. Peter Port.
2. Noble Lady of Mayfield 14813 P. S., W. Mauger, Les Rosiers, St. Peter Port.
3. Flamboyante of Grand Fort 14646 P. S., Sir H. A. Giffard, Braye du Valle, St. Sampson's.
4. Rose of Talbots Valley 14842 P. S. A. Le Noury, Les Ruettes, St. Andrew's.
4. Doutta Valentine II. of l'Eclet 14893 P. S., Geo. E. Williams, l'Eclet, St. Peter's.
5. Miss Grumby V. of Albecq 14726 P. S., W. Chick, Albecq, Castel.
5. Dolly Gray III. of Vimiera 14728 P. S., F. Belloir, Vimiera, St. Peter Port.
5. Primrose VI. of Les Jaonnets 14902 P. S., Mrs. T. Le Prevost, l'Etiennerie, Castel.

Imp. Lily II. des Baissieres 39454	A	147	Apr.	998.10	5.01	50.00		
		178	May	1092.50	5.22	57.03	6656.80	324.47
Imp. Sequel's Queen 48453	E	121	Feb.	577.20	4.47	25.80	3220.50	137.38
Imp. Violet's Pearl IV. 39467	B	101	Apr.	1645.30	3.88	63.84		
		132	May	1581.90	3.84	60.74	7034.20	286.70
Royer, W. J., Orrville, Ohio.								
Pleasant View Beauty 21203	A	14	Apr.	514.30	3.77	19.39		
		45	May	1211.00	4.38	53.04	1725.30	72.43
Rozema, Henry, Fremont, Mich. 1 day test.								
Lalla's Lily of Lakeview 56772	E	366	Apr.	494.70	4.80	23.75	8951.70	399.61
Vanity of Lakeview 23458	A	366	Apr.	209.90	4.75	9.97	8668.30	340.80
Rundell, Homer F., Livingston, Wis.								
Imp. Abigail of Linwood 52609	E	30	Apr.	823.60	4.03	33.19		
		61	May	820.60	4.29	35.20	1644.20	68.39
Imp. Alberta of Linwood 51556	E	257	Apr.	625.00	5.24	32.75		
		288	May	687.90	5.25	36.11	7571.50	369.95
Imp. Ardis of Linwood 51558	F	108	Apr.	914.60	4.40	40.24		
		139	May	918.00	4.83	44.34	4419.00	192.80
Frances of Upper Freehold 45255	F	224	Apr.	854.10	5.03	42.96		
		255	May	921.80	4.62	42.59	6944.60	333.93
Imp. Lisle of Linwood 48099	G	366	Apr.	263.00	4.99	13.12	8197.20	363.56
Marquette's Kanin 44923	G	328	Apr.	620.10	4.63	28.71		
		359	May	611.00	4.85	29.63	9292.40	415.51
Rundell, Lloyd, Roberts, Wis. 1 day test.								
Imp. Adaline of St. Croix 54122	G	356	Apr.	428.50	5.43	23.27		
		366	May	149.70	5.43	8.13	6994.50	336.77
Imp. Alice of St. Croix 54109	E	298	Apr.	540.90	5.27	28.51	6860.20	334.66
Imp. Alicia of St. Croix 54119	G	335	Apr.	342.60	5.71	19.56	6034.80	315.21
Imp. Anita of St. Croix 54121	G	311	Apr.	504.90	5.59	28.22	6635.00	320.86
Imp. Arbutus of St. Croix 54123	G	159	Apr.	770.60	4.27	32.90	4367.20	208.60
Imp. Argie of St. Croix 54117	F	243	Apr.	678.90	5.05	34.28	6439.94	307.74
Imp. Clara of St. Croix 54125	F	84	Apr.	885.20	3.82	33.81	2476.90	107.14
Imp. Kitty of St. Croix 54101	F	366	Mar.	98.50	5.26	5.18	8112.90	336.25
Ryan, Thomas F., Oak Ridge, Va.								
Imp. Fleurie XIII. 34252	A	366	May	400.00	5.47	21.88	13678.50	699.46
Imp. Lady Alderney II. 33232	A	366	May	154.70	5.63	8.71	10402.50	550.81
Maggie of Alfalfa Farms 31048	A	73	May	1689.40	5.00	84.47	3801.80	189.03
Maxims Fairy of Oak Ridge 40434	C	288	May	780.40	6.33	49.40	8848.10	528.49
Imp. Primrose of Oak Ridge 40436	B	222	May	984.90	4.76	46.88	9463.60	404.50
Imp. Sarkie II. of le Bourg 34243	A	366	May	930.10	5.29	49.20	11189.10	566.52
Saylor, William H., San Francisco, Cal. 1 day test.								
Imp. Doyle's Fanny II. 35825	B	366	May	356.90	4.94	17,63	6578.90	326.42
Early Twilight 24629	A	78	May	1241.90	4.03	50.05	3106.20	137.56
Imp. Justinee's Fountain Polly 35810	B	366	May	266.00	5.46	14.52	7499.40	374.78
Saylor's Jewelette 39239	C	54	May	944.10	5.16	48.72	1684.50	79.37
Schmidt, Hans J., Cedar Falls, Iowa.								
Marcus Glenwood's Daisy 46712	G	186	Apr.	474.25	5.57	26.42	3279.95	178.38
Marcus Glenwood's Rosette 46710	G	147	Apr.	658.55	4.34	28.58	3559.15	158.91
Schwary, John, Orrville, Ohio.								
Golden Pet 21204	A	14	Apr.	625.70	3.87	24.21		
		45	May	1538.10	4.10	63.06	2163.80	87.27

Scoville, Robert & Herbert, Taconic, Conn.								
Bunty 39514	C	299	May	1177.70	4.58	53.94	11292.50	515.13
Excelsior of Grasslands 52838	D	152	May	1005.30	4.37	43.93	5226.80	216.23
Grasslands Regina 63307	F	92	May	910.80	4.95	45.08	2644.10	121.45
Jethro's Youngun 46269	G	317	May	805.40	4.23	34.07	7315.20	316.43
Masher's Dairymaid 46268	E	317	May	915.20	4.73	43.29	10644.90	463.70
Spring Maid 37705	C	366	May	424.30	5.14	21.81	10551.70	478.55
Youlaxene 63911	G	92	May	882.60	4.58	40.43	2583.60	117.99
Sheen, Carl C., Highmore, S. D. 1 day test.								
Village Princess 54184	G	141	May	797.30	4.90	39.07	3687.92	165.39
Sheridan, B. F., Fond du Lac, Wis. 1 day test.								
Hero's Calla 45543	G	366	May	109.10	5.41	5.90	6732.90	325.50
Sherman, J. G., Greenwich, N. Y.								
Imp. Boston III. of the Hougue Fouque 47700	B	194	May	871.70	5.00	43.59	6243.50	292.02
Lucile of Elmpines 44743	F	102	May	655.90	4.42	28.99	2166.60	91.05
Imp. Seva of Elmpines 53642	G	108	May	971.10	4.52	43.89	3358.80	146.28
Imp. Simrose of Elmpines 51362	G	90	May	790.90	4.17	32.98	2212.80	98.10
Skaar, M. S. & C. A., Hayward, Minn.								
Maisie 3d's Baby 42594	E	141	May	599.20	4.58	27.44	2934.50	135.84
Maisie's Princess 33921	A	201	May	516.30	4.84	24.99	4334.80	206.14
Princess Adeline 49825	G	23	Apr.	555.10	4.42	24.54		
		54	May	742.30	3.98	29.54	1297.40	54.08
Smith, Louis E. P., Holliston, Mass.								
Imp. Anna Primula 48526	A	14	May	641.70	5.22	33.50		
Imp. Dolly Dimple II. of the Echelle 48460	F	366	May	555.90	5.80	32.24	7562.20	388.51
Donna May Fanchon of Linda Vista 47709	G	233	May	919.80	4.24	39.00	6923.70	278.79
Pride of Castle Haven 25981	A	176	May	930.40	4.64	43.17	5980.50	291.25
Stone, Galen L., Marion, Mass.								
Imp. Heliac 24248	A	131	May	994.20	6.02	59.85	4583.40	261.33
Stone, George C., Twig, Minn.								
Beau Regal's Petite 47884	G	269	May	503.80	4.91	24.74	4958.20	259.41
Cherry Lad's Obasan 37859	C	105	May	1165.30	3.91	45.56	4251.30	193.10
Clatford Hero's Alexandrina 47883	F	108	May	823.80	4.60	37.89	2987.00	138.63
Imp. Jane of Ampthill 9th 40639	C	288	May	775.50	5.08	39.40	8170.50	421.62
Katonah's Betty 41257	D	196	May	1324.90	4.09	54.19	8477.20	371.66
Katonah's Fillpail 42573	D	19	Mar.	729.60	5.03	36.70		
		49	Apr.	1129.80	5.22	58.98		
		80	May	1125.60	4.60	51.78	2985.00	147.46
Katonah's Penelope 38316	D	257	May	688.20	4.41	30.35	6351.10	314.52
Katonah's Sweet Briar 42574	E	130	May	889.20	3.94	35.03	3850.10	163.50
King's Alberta 33788	B	365	May	807.60	5.79	46.76		
		366	June	25.90	5.79	1.50	13954.90	785.61
Imp. Primrose of the Vrangue II. 43663	D	209	May	903.10	4.04	36.49	6339.60	287.32
Ramee of Summerdale 38995	D	366	May	530.30	5.63	29.86	9842.00	508.60
Raymond IX's Marcia of Pine Fern 39791	D	284	May	444.20	6.04	26.83	5784.20	342.05
Sweet, Ernest E., Detroit, Mich. 1 day test.								
Governor's Minnewaska 2d 38158	C	55	Apr.	842.10	4.36	36.72		
		86	May	904.50	4.24	38.35	2427.90	104.43
Panama's Tulip's Daughter of Oak Grove 46832	G	74	Apr.	686.00	4.08	27.99		
		105	May	720.30	4.03	29.03	2462.90	97.70
Taber, Est. Harmon E., Castile, N. Y. 1 day test.								
Margaret M. of Maple Row 64230	F	4	Apr.	68.30	5.21	3.56		
		35	May	990.30	5.21	51.59	1058.60	55.15
Penta 43707	E	54	May	1166.20	6.01	70.09	1956.20	116.46
Princess's Heidi 58524	G	342	May	562.20	6.61	37.16	6169.00	397.15
Quinta 61454	G	200	May	674.20	6.15	41.46	4188.90	227.94
Tabrette 44172	B	185	May	762.80	5.97	45.54	5101.40	267.80

5. Pine Apple V. 14585 P. S., H. J. Ozanne, Lilyvale, Castel.

Heifers.—Under 15 months.

1. Aline des Rocquettes 14965 P. S., Major-General F. B. Mainguy, Les Rocquettes, St. Peter Port.

2. Primrose Maid of Talbots Valley 15031 P. S., A. Le Noury, Les Ruettes, St. Andrew's.

3. Antoinette's Beauty 15325 P. S., Mrs. T. Le Prevost, l'Etiennerie, Castel.

4. Cyrene of Vimiera 15211 P. S., F. Belloir, Vimiera, St Peter Port.

5. Rhoda des Blancs Bois 15298 P. S., A. J. Hocart, Les Blanc Bois, Castel.

6. Lady Bijou of Beaulieu 15033 P.S., J. J. Gavet, Beaulieu, St. Andrew's.

7. Governess of Pleinmont 15011 P. S., Walter J. Sarre, Pleinmont House, Torteval.

Reserve—Groignet's Bruser II. 15204 P. S., E. T. P. Ozanne, Le Groignet, Torteval.

Presentation of the Cups.

Mr. Osmond Priaulx presented the Challenge and other Cups to the winners, and remarked that all felt sorry that His Excellency the Lieutenant-Governor was unable to be present with them that afternoon. Mr. Ernest de Garis had swept the board, and Mr. H. Hamley, came in for second honors.

The Cups having been presented, they were filled with champagne, and the health of the prize-winners was drunk.

Specials.

Challenge Cups, offered by the Society for the best bull in show.—Won by Governor of Myrtle Place II., Mr. Ernest de Garis, Myrtle Place, Castel; reserve, Raymond of Mont Plaisant, Mr. E. F. Falla, Mont Plaisant, Castel.

Champion Cup offered by the Society for best cow in show.—Won by La Fleur du Jardin XII., Mr. Ernest de Garis, Myrtle Place, Castel; reserve, Valentine III., Mr. H. T. Nant, Passee Villa, St. Sampson's.

Champion Cup offered by the Society for best Heifer in Show.—Won by Rochina III. of Bickleigh, Mr. H. Hamley, Bickleigh, St. Sampson's: reserve, Nelly of the Ponchez, Mr. T. R. Gallienne, Ponchez, Castel.

Extra Special Prizes.

Challenge Cup offered by Major-General B. B. Douglas, C. V. O., for best animal in Show.—Won by La Fleur du Jardin XII., reserve, Governor of Myrtle Place II.

Challenge Cup offered by N. P. Barbenson, Esq., for best Cow in Show.—

Won by La Fleur du Jardin XII; reserve Valentine III...

Challenge Cup offered by a friend of the Society for the best Cow or Heifer in the Show.—Won by La Fleur du Jardin, XII.; reserve Rochina III. of Bickleigh.

SALE OF ENGLISH GUERNSEYS.

Property of H. Fitzwalter Plumptre, Esq., and A. W. Bailey Hakwins, Esq., England.

	Guineas
Lynchmere Pretty Dairymaid 12th 9088, Wm. Stainton, Barham Court, Canterbury	32
Violet of Goodnestone 8294, H. Rice, Northcourt, Eastry	52
Ashburnham Scrawl 8822, H. Rice	27
Polly of the Isles 11th 8680, J. D. Ioogood Parsons, Grassmere, East Hadley, Sussex	30
Polly of La Croix 10th 8679, F. S. Peer, Osceola Farms, Cranford, N. J., U. S. A.	53
Polly of the Isles 12th 9122, W. J. Douglas, Farley, Westerham, Kent	35
Lynchmere Fay of the Mill 9569, L. Breitmeyer, Rushton Hall, Kettering	28
Lynchmere Florrie 9570, John A. Kay, Ravenscroft Hall, Middlewich, Cheshire	40
Violet of Goodnestone 3rd 9774, F. S. Peer	36
Ranunculus 14th 9638, G. E. Champin, Linton, Maidstone, Kent	23
Antona 16th 9820, Sir H. E. Dering, Pluckley, Kent	41
May of Goodnestone 10192, L. Breitmeyer	38
Polly of Goodnestone 9614, F. S. Peer	38
Rosey 15th 9674, F. S. Peer	40
Trillium of Goodnestone 11043, L. Breitmeyer,	39
Ranunculus 20th 10897, H. Rice	28
Ranunculus 21st 10898, J. Pratt Barlow, Lynchmere Home, Haslemere	52
Coneflower of Goodnestone 2nd 10573, J. Pratt Barlow	34
English Sale Cont.	
Blue Bell of Goodnestone 10493, J. Pratt Barlow	70
Rowanberry 14th 10923, C. B. O. Clarke, Blockhouse, Haywards Heath, Sussex	38
Polly of the Isles 16th 10874, G. E. Champin	26
Polly of the Isles 17th 10875, W. J. Douglas	34
Polly of Goodnestone 2nd 10873, E. J. Wythes	67
Goodnestone Florrie 10689, H. Rice	37
Butterwort 13th 10546, J. H. Miller, Belmont, Springfield, Dover.	33

Taggart, Rush, New Canaan, Conn.								
Prince's Leda 31395	A	61	May	1222.40	4.57	55.86	2347.60	96.93
Queen of the Ponchez 2d 27354	A	239	May	911.90	4.40	40.12	9522.60	457.10
Tappan, Charles H., Winthrop, Me.								
Imp. Fleurie III. des Menages 53797	F	268	May	607.60	4.87	29.59	5641.60	279.47
Taylor, Moses, Mt. Kisco, N. Y.								
Pearl of Annandale 43018	E	183	May	878.60	4.67	41.03	5436.10	248.16
Thompson, J. J., Lisbon, N. Y. 1 day test.								
Imp. Alex of Bellview 47705	C	213	Apr.	662.50	5.53	36.64	5595.20	262.58
Bell Dorey 49558	E	224	Apr.	718.10	5.49	39.42	5658.00	295.83
Moxie of Hammond 38395	A	79	Apr.	1511.60	4.04	61.07	3956.50	154.17
Viola of Waddington 31098	A	213	Apr.	728.60	5.50	40.07	5805.50	299.54
Thomson, Frank Graham, Devon, Pa.								
Aurora Primrose of Brookmead 40002	E	290	May	668.70	5.29	35.37	8861.10	439.43
Brookmead's Dimple 49806	G	25	May	848.20	4.46	37.83		
Brookmead's May Rose 49803	G	27	May	870.10	3.87	33.67		
Imp. Gipsy II. of le Mont Durant 39439	A	303	May	998.30	4.71	47.02	10547.90	495.55
Golden Beauty of Brookmead 39998	C	30	Apr.	1075.80	4.40	47.34		
		61	May	1088.70	4.36	47.47	2164.50	94.81
Malinda Glenwood 33802	A	54	May	1726.80	4.42	76.32	2918.20	143.51
Pallotta's Beauty of Barrington 38471	D	336	May	728.80	6.44	46.93	10121.95	605.98
Symphony of Paxtang 40920	B	252	May	966.40	4.54	43.87	8954.40	407.73
Tompson, G. M. Jr., Wakefield, Mass. 1 day test.								
Billy France's Glenwood 34305	B	336	May	287.90	5.76	16.58	8178.20	388.91
Christie of Pleasant Valley 41397	A	317	May	717.70	6.10	43.78	8282.30	428.33
Tousey, W. B., Jordan, N. Y.								
Moxie of Hammond 38395	A	110	May	1406.20	4.02	56.53	5362.70	210.70
Vander Beek, F. I., Glen Spey, N. Y.								
Imp. Daisy du Lubin II. 41650	B	353	May	685.50	4.54	31.12	9715.60	449.93
Imp. Deanie's Pride 47184	E	31	May	837.90	4.99	41.81		
Imp. Downe Stanstead Rose 13th 53965	E	322	May	672.60	4.61	31.01	9573.50	428.14
Imp. Jessy Rose XIV. 47161	E	274	May	628.60	5.43	34.13	6627.20	353.59
Imp. Lynchmere Marie 54018	G	326	May	622.90	4.95	30.83	8039.60	405.62
Voget, Octav, Hubbard, Ore. 1 day test.								
Galaday's French Girl of Sequoia 50130	G	77	May	969.20	4.65	45.07	2384.60	112.86
Warburg, Felix M., White Plains, N, Y.								
Espoir's Phyllis K. 33885	B	361	May	702.40	4.27	29.99		
		366	June	107.60	4.27	4.59	10732.70	452.99
Welles, M. L., Rosendale, Wis. 1 day test.								
Ione of Birchwood 36767	C	356	May	426.90	5.10	21.77	7352.00	330.18
Katherine of Birchwood 44468	F	244	May	363.90	4.65	16.92	4454.90	201.60
Katydid of Birchwood 52206	G	76	May	667.60	5.17	34.51	1776.10	79.54
Kindness of Birchwood 44469	G	285	May	467.90	4.85	22.69	5840.30	266.65
Lorna of Birchwood 51826	G	80	May	977.10	4.95	48.37	2656.30	115.84
Lottie of Birchwood 52207	G	66	May	700.00	4.55	38.85	1476.90	70.87
Masher's Golden of Birchwood 32340	A	59	May	1852.30	4.13	76.50	3332.00	137.17
West Virginia University, Morgantown, W. Va.								
Pride's Fi Fi 49487	G	95	Apr.	565.00	5.39	30.45	1818.20	95.60
Raider's Elsie 49488	G	116	May	571.90	5.27	30.14	2180.20	113.09

Whipple, Sherman L., Plymouth, Mass.								
Fanchon of Clydehurst 27384	A	228	May	644.60	5.83	37.58	6080.00	325.76
Finella of the Forges 46979	F	181	May	785.20	5.61	44.05	4415.60	232.98
Finette of the Forges 46976	E	84	May	844.60	5.59	47.21	2286.00	127.44
Finola's Granddaughter 41485	A	138	May	687.60	5.02	34.52	3520.30	173.60
Notable's Daisy of the Forges 46978	F	263	May	555.50	6.77	37.61	4534.40	289.20
Imp. Queenie du Grand Bel 38887	B	361	May	475.60	6.71	31.91	7227.50	408.12
White, George M., Freehold, N. Y. 1 day test.								
Fair Lady of Gayhead 33999	A	49	May	1522.10	4.78	72.76	2285.90	112.25
Gloss of Gayhead 40355	C	105	May	795.70	6.08	48.38	3079.20	177.59
Glow of Gayhead 40354	C	106	May	1133.20	4.28	48.50	4079.50	179.22
Imp. Stella 4th of Warren Wood 45949	D	201	May	768.60	4.84	37.20	5038.10	261.83
Tonie of Gayhead 40356	E	290	May	717.40	4.75	34.08	8286.70	407.40
Whitman, Clarence, Katonah, N. Y.								
Beatrice of Katonah 25819	A	147	May	1082.80	5.52	59.77	5438.00	259.00
Katonah's Flora 37894	C	206	May	489.60	5.48	26.83	4301.30	231.77
Katonah's Mermaid 33432	A	152	Apr.	610.60	4.83	29.49	3914.10	179.53
Whitney, C. L. A., Albany, N. Y. 1 day test.								
Betsey of Bellview 48017	F	92	May	872.10	4.79	41.77	2682.30	128.37
Imp. Blanchflower XX. 47923	E	69	May	1280.40	4.49	57.49	2996.00	136.98
Imp. Daisy II. of the Friquet 40307	A	24	May	1112.60	4.67	51.96		
Imp. Lady Hero of Bellview 49762	G	352	May	709.20	4.75	33.69	8219.70	372.90
Stella's Favorite 2d 29167	A	144	May	1427.50	4.61	65.81	6906.60	310.06
Wilkins, Charles A., Platteville, Wis.								
Alma Ethel 33964	A	26	Apr.	1084.60	4.63	50.22		
		57	May	1405.00	4.63	65.05	2489.60	115.27
Glen Rose of Haddon 35749	A	108	May	1347.80	4.11	55.39	4853.70	203.35
Goldie of Linwood 43779	E	91	May	1023.20	4.28	43.79	3047.90	129.91
Lady of Mound City 43094	E	108	May	866.90	4.22	36.58	3561.00	149.96
Imp. Susie of Mound City 52701	D	166	Mar.	818.20	5.44	44.51	4946.60	258.78
Willis, Park Weed, Seattle, Wash.								
April Girl 30047	A	358	May	670.20	5.14	34.45	10319.20	509.30
April Girl 2d 36395	B	292	May	482.50	5.17	24.95	5661.80	262.15
July Maide 30048	A	205	Apr.	807.00	5.07	40.91		
		236	May	892.20	4.79	42.74	7052.40	344.19
Sammamish Lily 42511	F	336	May	790.80	4.87	38.51	8276.00	383.54
Sammamish Roxie 46991	G	192	Apr.	490.70	5.66	27.77		
		223	May	513.80	5.52	28.36	4423.50	249.84
Sammamish Topsy 46992	G	159	May	1031.90	5.23	53.97	5729.20	296.94
Winston, J. O., Saugerties, N. Y. 1 day test.								
Beldame 4th 31151	A	233	May	1002.45	4.28	42.90	9303.25	383.76
Kitty Clyde of Paxtang 40921	C	114	May	1003.85	5.86	58.83	4144.35	208.70
Imp. Romana 48th 52505	D	224	May	1200.60	4.49	53.91	8966.85	383.06
Imp. Violet of la Croute 48373	C	163	May	1113.40	4.63	51.55	6895.35	299.39
Wisconsin, University of, Madison, Wis.								
University Lola Sequel 43726	E	40	Nov.	792.40	4.74	37.56		
		71	Dec.	803.80	5.08	40.83		
		102	Jan.	789.50	5.23	41.29		
		131	Feb.	701.40	6.01	42.15		
		162	Mar.	746.00	5.19	38.72		
		192	Apr.	690.30	5.85	40.38		
		223	May	699.00	5.17	36.14	5472.40	288.92
Wright, T. J., Mauston, Wis. 1 day test.								
Daisy's Babe 45084	G	193	Apr.	691.00	5.19	35.86	4791.40	241.40
Izora of Hickory Grove 39832	C	150	Apr.	902.60	4.67	42.15	4805.00	205.75
Lady Jane of Hickory Hill 36788	A	14	Apr.	410.90	3.93	16.15		

Rose of Goodnestone 6th 10918, W. W. Drewitt, Beare Green, Dorking, Surrey 39
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Stagenhoe Susanne 11704, C. B. O. Clarke 28
Stagenhoe Broom 2nd 10962, F. S. Peer. 36
Stagenhoe Montbretia 1st 10964, C. B. O. Clarke. 26
Stagenhoe Bilberry 2nd 11692, G. E. Champin. 21
Stagenhoe Rowanberry 5th 11703, C. B. O. Clarke 23
Stagenhoe Broom 3rd, W. J. Douglas 20

SUMMARY

	£	s	d
32 cows and heifers	1240	1	0
1 Bull	57	15	0
8 Head (Mr. Hawkins)	219	9	0
	£1517	5	0

English Guernsey Cattle Society.

A general meeting of members of the above society was held at the Society's offices, 12 Hanover Square, London, W., England, Wednesday, June 7th, at 11.30 a. m., the president, Mr. Frank Pratt Barlow, occupying the chair.

The annual report and statement of accounts for the year 1915 were adopted. Attention was called to the increased cost of the society's milk records for the past year, and it was reported that slight additional cost would be made to members from the first of January, 1917, to meet this increase.

It was unanimously resolved to ask Viscount Falmouth to accept the position of president-elect of the society, viz., president in 1918.

Mr. G. Titus Barham was re-elected Honorable treasurer, and a hearty vote of thanks was accorded him for the services which he had rendered the society in this capacity in the past.

It was resolved to increase the Herd Book entry fee for bulls to 5s. commencing with volume 33, also the price

June's Rose of Hickory Hill 45080	A	14	Apr.	424.60	4.46	18.94		
Lindina 29222	A	147	Apr.	1177.40	4.10	48.27	6348.10	280.59
Lulu of Hickory Grove 50887	G	175	Apr.	482.40	5.39	26.00	4280.50	211.38
Nell of Hickory Grove 50889	G	134	Apr.	634.10	4.85	30.75	3271.30	153.79
Trude of Hickory Grove 45081	F	199	Apr.	695.20	5.29	36.78	4568.50	243.31
Ziesing, August, Chicago, Ill.								
Duchess of Thorn Hill 44952	F	244	May	572.80	5.37	30.76	4488.80	235.91
Gertrude's Daughter of Thorn Hill 42517	D	135	May	1310.70	4.77	62.52	6393.80	276.50
Larkspur of Thorn Hill 32521	A	102	May	960.60	5.08	48.80	3475.80	190.52
Margarette of Thorn Hill 50750	G	105	May	1002.60	4.85	48.63	3418.80	172.19
Pearl of Thorn Hill 50746	G	152	May	706.00	5.56	39.25	3399.70	178.52
Penelope of Thorn Hill 50745	G	121	May	749.90	6.03	45.22	2910.10	164.65
Petite of Thorn Hill 50749	G	152	May	832.60	5.44	45.29	3968.90	214.45
Princess of Thorn Hill 44951	G	259	May	635.40	6.30	40.03	5347.60	317.60

of Herd Books to non-members to be 10s. instead of 5s. as hitherto.

The following six new members were elected: L. Breitmeyer, Rushton Hall, Kettering, Nortants; Sir Charles E. H. Chadwyck-Healey, Wyphurst, Cranleigh, Surrey; C. B. O. Clarke, Blockhouse, Haywards Heath, Sussex; William J. Douglas, Farley, Westerham, Kent; W. W. Marsh, Waterloo, Iowa, U. S. A.; J. B. Ormond, Home Farm, Copped Hall, Epping, Essex.

Report of the Council for the Year Ending December 31st, 1915.

The Council beg to present to the Members of the Society, their Report of the Society's work for the past year.

The Society's affairs have during the past year made satisfactory and substantial progress, and the Council note with pleasure the greater interest now being evinced in the breed.

Membership. It is gratifying at a time like the present to be able to announce a further slight increase. The number of Members now on the register totals 191, comprising 21 Life and 170 Annual, as compared with 182 at the corresponding period last year. The Society has been unfortunate during the past year to have lost by death several well-known supporters of the breed.

Finance. The audited Statement of Accounts submitted show that the Society's finances are in a healthy position, notwithstanding the increased expenditure incurred in connection with the Milk Records during the past year, and the Council hope that with the additional entry fees charged to Members the cost to the Society at the end of the year will be considerably lessened.

The Receipts in several instances show a satisfactory increase, the majority of the other items being quite up to the average.

The Balance standing to the credit of the Society on December 31st, 1915, was £729 13s. 10d., as compared with £840 10s. 5d. on December 31st, 1914.

Export Trade. It is hardly to be expected that the Export Trade would be as large as in previous years, but notwithstanding, the Society has issued 113 Official Export Certificates; 110 of these have been for animals going to the United States, two for Brazil and one for Canada.

There is every indication of an increased demand at the conclusion of the War; several enquiries have been received from prospective purchasers.

Special Prizes. The offer of Special Prizes was somewhat curtailed during the year, many of the leading Agricultural Shows having been abandoned. Prizes were given at the Royal Agricultural Show at Nottingham, Bath and West Agricultural Show at Worcester, Royal Cornwall Agricultural Show at Camborne, and Oxfordshire Show at Oxford.

Very good representations of the breed were brought forward at these Shows, despite the difficulty and cost of transit, and keen competition was experienced in nearly all classes at the Shows. The Society's Butter Test, which should have been held at the Bath and West Show, was cancelled.

Milk Records. The Milk Records during the past year have been carried out under conditions not altogether too favorable, the increased cost of feeding stuffs and the shortage of labor being two very great factors against the good working. The total number of herds under test are nineteen, representing roughly about 220 animals. The result of the tests of those animals completing their lactation period up to May, 1916, will be found included in Volume 32 of the Herd Book, and the Society's Official Certificate will be again issued for all animals reaching their points.

Attention may be called to slight alteration to Rule No. 11, which will now read as follows:—

"The owner will be required to pay half the expenses of each visit, the moiety due to the Society will be collected by the Secretary after the third visit of the Inspector, and in addition an entry fee of 5s. will be charged on all animals commencing their test on or after January 1st, 1916."

A further amendment of this rule has been made to take effect as from January 1st, 1917, and the then constitution of the rule will be as follows:—

"Note.—Commencing from January 1st, 1917, it is proposed to cancel Rule 11, and to substitute a new rule under which the expenses in connection with the Society's Milk Record will be equally shared amongst the Members competing. The amounts due to the Society will be payable after the third visit as hitherto. One quarter of the expenses incurred will be paid by the Society and three-quarters by the owner."

The Council feel themselves compelled to make these alterations in the best interests of the Society, as the present rate of expenditure in this direction is more than the Society's finances warrant. Under the new proposed rule the expenses to Members will not be very heavily increased, and it is hoped that the success of the Records will not be in any way affected by the alteration.

Sales. During the year sales have been conducted of the herds belonging to the late T. B. Bolitho and the late G. J. Shakerley. The results were most satisfactory, very good averages being obtained at both sales, considering the conditions under which the sales were held.

Progress of Breed Abroad. Reports continue to be received of the success the breed is attaining in the United States, and it is very gratifying to hear of the rapid progress of the Guernsey in that country. There are indications that in Canada a greater interest is being shown in the breed, and enquiries have been received from prospective buyers. The first volume of the Australian Herd Book has been received, and there is no doubt that a bright future is in store for the Guernsey in that country. Recent exports to Brazil go to substantiate the facts which have appeared in the Agricultural Press from time to time, pointing out the capabilities of the Guernsey and the way in which they acclimatize themselves to the new conditions. Results go to prove that they have done better than the other Dairy breeds exported to that country.

Herd Book. Volume 31 of the Herd Book, which was received by Members early in May, contained 804 entries, being slightly under those received for the previous volume. The usual features of interest to Members are again included, and the volume is illustrated by photographs of three well-known prize-winning animals.

Death has robbed the Society during the past year of several well-known Members, among whom may be mentioned Mr. T. B. Bolitho, Mr. Percival Bosanquet, Hon. John R. de Clare Boscawen, Col. Fitzroy, Sir Michael B. Nairn, Bart., and Mr. G. J. Shakerley. Col. Fitzroy will be remembered as one of the oldest and most enthusiastic supporters of the Society, having been a Past President of the Society and assisted in the deliberations of the Council for many years. Mr. Bosanquet was also a Past President of the Society and a keen lover of the Guernsey. Mr. Bolitho and the Hon. John Boscawen, both well-known Cornish breeders, will be greatly missed, also Mr. G. J. Shakerley, who was well known in the show ring, also as a breeder for many years.

President and President-Elect. Mr. H. Fitzwalter Plumptre has again occupied the Presidential chair during the past year, and has devoted much of his time to the conduct of the Society's work during his year of office. The Council feel sure that the Members of the Society are very grateful to him for the services he has rendered to the Society.

Mr. Frank Pratt Barlow occupies the position of President for the present year, and as his kindly interest in the Society and the Breed are so well known, the Council are sure that the affairs of the Society will continue to prosper under his able guidance.

It is with very great pleasure the Council beg to announce that the Hon. A. E. Gathorne-Hardy has kindly consented to act as President-Elect, viz., President in 1917.

By order of the Council,
ROBERT F. LING, Secretary.

Sale of English Guerneys.

We have recently received from Rob't F. Ling, secretary of the English Guernsey Cattle Society, a marked catalog of the dispersion sale of J. I. Smail's Guernseys at Warren Wood, Hayes, Kent, on May 2, 1916.

The following is a list of the animals sold, names of buyers and prices realised:

COWS AND HEIFERS.

	Guineas
Lisle's Violet 6971—S. F. Smithson	27
Donnington Eversweet 6113— A. C. Harris	27
Donnington Edith 6107—Sir H. F. Lennard, Bart.	21
Quaver 7058—G. C. Barker.	31
Queen of Warren Wood 7808—W. J. Douglas.	26
Dame of Warren Wood 8028—E. J. Wythes.	90
Lola 3rd of Warren Wood 8158—E. E. J. Wythes.	37
Queen 4th of Warren Wood 8687—Major Hicks.	110
Violet 2nd of Warren Wood 8782—E. J. Wythes.	60
Donata 4th of Warren Wood 8436—Sir Henry F. Lennard, Bart.	38
Queen 6th of Warren Wood 8689—W. J. Douglas.	55
Dame 3rd of Warren Wood 8905—Miss Guest.	42
Gwendolen 2nd of Warren Wood 8990—Sir H. F. Lennard, Bart	35
Lola 5th of Warren Wood 9083—Hon. A. E. Gathorne-Hardy.	31
Produce 2nd of Warren Wood 9630 Miss Guest.	66
Lady 4th of Warren Wood 8541— E. J. Wythes.	37
Queen 9th of Warren Wood 9635—Major Hicks	40
Dame 4th of Warren Wood 9388—Sir H. F. Lennard, Bart.	85
Donata 7th of Warren Wood 9949—Mrs. Howard Palmer.	50
Lola 6th of Warren Wood 10178—W. J. Douglas.	64
Dame 5th of Warren Wood 9934—Sir H. F. Lennard, Bart.	40
Queen 11th of Warren Wood 10272 Miss Guest	65
Donata 9th of Warren Wood 9951—E. J. Wythes.	32
Donata 11th of Warren Wood 10602 Rt. Hon. T. F. Halsey.	33
Julia 4th of Warren Wood 10777—C. B. Clark.	35
Marion 2nd of Warren Wood 10826 Mrs. Wills	24
Rudge 2nd of Warren Wood 10932 A. C. Harris, Chichester.	31
Queen 15th of Warren Wood 10893 W. J. Douglas.	30
Produce 4th of Warren Wood 10886 Major Hicks.	30
Queen 16th of Warren Wood 10894 C. B. O. Clark.	40
Dame 7th of Warren Wood 10597—D. C. Haldeman.	24
Queen 17th of Warren Wood 11613 Hon. A. E. Gathorne-Hardy	27
Queen 18th of Warren Wood 11614 Hon. A. E. Gathorne-Hardy	23
Queen 19th of Warren Wood 11615 G. C. Barker.	25
Donata 12th of Warren Wood 11254 Major Hicks.	30
Lola 8th of Warren Wood 11515—W. J. Douglas	50
Violet 3rd of Warren Wood 11796—D. C. Haldeman	40
Violet 4th of Warren Wood 11797—L. Breitmeyer.	45
Queen 20th of Warren Wood 11616 D. C. Haldeman	72
Lady 5th of Warren Wood 11480—Mrs. W. Howard Palmer	20
Rachel 3rd of Warren Wood 11619—Major Hicks	15
Queen 21st of Warren Wood 11617 W. J. Douglas	25
Wickham Fancy 5th 9781—S. F.—Smithson.	23
Donnington Emerald 4th 9402—A. Amey.	10
Heifer Calf from Quaver—W. J. Douglas.	10
Heifer Calf from Donata 4th of Warren Wood—Major Hicks	17
Heifer Calf from Lola 6th of Warren Wood 10178—Mrs. W. Howard Palmer.	15
Heifer Calf from Lola 3rd of War-Wood—E. J. Wythes.	

BULLS.

Ladock Cowboy 2785—Mrs. Ward.	41
Lynchmere Lord Roberts 7th 3005 W. T. Curtis	35
Bull Calf from Donnington Eversweet—W. J. Douglas	10
Bull Calf from Donnington Edith J. Champion.	

Preparedness in the Dairy.

Scott Matthews, an old-time Democratic politician of southern Illinois, who likes to go around in his shirt sleeves, who smokes a corncob pipe, sells real estate for a living and at present holds the job of state food and dairy commissioner, is a friend of man and a benefactor of the race. He had started out to bring no less than 100,000 pure bred Holstein and **Guernsey** cows into Illinois. So far he has imported more than 500 of these animals, selling them to farmers who didn't want them and making skeptical country bankers advance all the money.

Matthews told the farmers that not more than half the cheap cows they were milking produced enough milk to pay for what they ate. He promised them that one of his cows would earn her feed the first year and pay interest, besides, on $1,000. Then he tackled the bankers. The president of the State Bankers' association offered to lend $250,000 to the country banks to be used as 'cow money.' Individual bankers in various towns also saw the point. Now the full blooded dairy cows are coming into southern Illinois by carloads. The town bands meet the trains and escort the distinguished visitors in procession to the court house square. It is a big day for the county. The railroads have also been induced to help. The Big Four is furnishing fifteen registered bulls to be distributed along its lines and the Illinois Central will provide ten.

—THE KNICKERBOCKER PRESS.

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Buttercup Lilly 21617 Re-entry	3455
Castello's Daisy 25474 Re-entry	1942
Choice's Silver Girl 41593	4192
Chronicle 2d 33987 Re-entry	2547
Clover of Lindhearst 18629 Re-entry	2088
Daisy of Pulias 27828 (Imp.) Re-entry	1278
Dawn of Ingleside 20321 Re-entry	782
Dawn of Les Vesquesses 31649 (Imp.) Re-entry	1750
Dorena of the Elms 33915	4170
Ellenwood's Nonesuch 40123	4156
Fanny of the Mourants 34344 (Imp.) Re-entry	2534
Fanny's Sequel's Delia 42462	4184
First Dawn 19096 Re-entry	976
Fleurie de la Câche 35522 (Imp.)	4158
Florham Gold Lassie 43596	4176
France's Donna Fanny 41371	4181
Glenwood's Buttercup 48137 Re-entry	3224
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Masher's Golden of Birchwood 32340 Re-entry	2030
Masher's Pride 43878	4169
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May King's Lady Chesterbrook of Ingleside 35127 Re-entry	2761
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Nell Beverly of Maple Row 26469	4180
Nellie Tostevin of Mapleton 2d Re-entry	1863
Primana of Woodend 32242 Re-entry	2416
Primrose of Sunset Hill Farm 43862	4177
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Princess Coral of Paulsdale 26321 Re-entry	2419
Princess Pretoria 28403 Re-entry	1786
Red Clover O. D. 43697	4166
Rival's Heirloom's Tahoma 34156 Re-entry	3259
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Rose of Pencoyd 27300 Re-entry	1793
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Rosette's Virginia of Waddington 34832 Re-entry	3116
Royal's Flower of Thorn Hill 41655	4168
Ruby Bell's Pride of Iowa 43361	4171
Sue Anna 43270	4172
Taylor's Miriam 33517 (Imp.) Re-entry	3070
The Rose of Hildesheim 24819 Re-entry	2578
Violet VII. of Corbinez 44184 (Imp.)	4163
Woodlawn's Venus 27352	4160

37281 **May King of North Home**
Sire *May King of Follyland* (23811)
Dam *Jethro's Freak of North Home* (59211)
Born—May 19, 1915
Breeder and owner:
Jesse L. Doan, Barnum, Minn.

37282 **Ladysmith's Elsir of Allenwood**
Sire *Elsir of Glenburnie* (27424)
Dam *Imp. Ladysmith of Sarnia* (40246)
Born—Jan. 4, 1916
Breeder and owner:
C. C. Allen, Kenosha, Wis.

37283 **Highland Home Duke**
Sire *Lucy's Duke of Marion* (29063)
Dam *Highland Home Girl* (51254)
Born—Sept. 19, 1915
Breeder and owner:
A. W. Hook, Enumclaw, Wash.

37284 **Highland Home Dexter**
Sire *Marcia's Conqueror* (17687)
Dam *Bata of Shinrone* (38143)
Born—Nov. 10, 1915
Breeder and owner:
A. W. Hook, Enumclaw, Wash.

37285 **Von Don Siserolo**
Sire *Bell's Glenwood of Elm Lawn* (17186)
Dam *Von Don Sirana* (42862)
Born—June 2, 1915
Breeder and owner:
C. G. Dondero, Augusta, Maine.

37286 **Von Don Sisero**
Sire *Bell's Glenwood of Elm Lawn* (17186)
Dam *Von Don Sera* (36891)
Born—June 28, 1915
Breeder and owner:
C. G. Dondero, Augusta, Maine.

37287 **Hilda's Sequel**
Sire *Conyers Sequel* (22689)
Dam *Hilda of Spring Brook* (25064)
Born—Oct. 12, 1915
Breeder and owner:
M. H. Packer, Milford, N. Y.

37288 **King of Daisy May**
Sire *Imp. Mabel's Diamond of Koshkonong Place* (20184)
Dam *Grayline Daisy May* (32573)
Born—Dec. 27, 1914
Breeder and owner:
S. D. Williams, Vinton, Iowa.

37289 **White's Pride**
Sire *Aragon* (18087)
Dam *Rosemary of Worcester* (40054)
Born—March 29, 1915
Breeder and owner:
A. H. Flint, Worcester, N. Y.

37290 **Lake Grove Rival**
Sire *Fisher Marshall* (23568)
Dam *June's Buttercup* (33291)
Born—Oct. 19, 1915
Breeder—D. L. Newman, East Wilton, Maine.
Owner—Frank O. Sawtelle, Farmington, Maine.

37291 **Jack of Glennfield Springs**
Sire *Reservation Chevalier* (24237)
Dam *Imp. Lily of the Brickfield IV.* (41332)
Born—Jan. 28, 1916
Twin with bull No. 37292.
Breeder and owner:
Glenn L. Bacon, Groton, N. Y.

37292 **William of Glennfield Springs**
Sire *Reservation Chevalier* (24237)
Dam *Imp. Lily of the Brickfield IV.* (41332)
Born—Jan. 28, 1916
Twin with bull No. 37291.
Breeder and owner:
Glenn L. Bacon, Groton, N. Y.

37293 **Flossy's Glenwood Boy**
Sire *Prince Glenwood of Pleasant View* (22081)
Dam *Flossy Mar J.* (37598)
Born—Dec. 15, 1915
Breeder and owner:
Al. G. Lutz, Bridgeville, Pa.

37294 **Malcolm of Ideal Farm**
Sire *Dawneer* (23594)
Dam *Patricia of Knollwood* (31831)
Born—Sept. 3, 1915
Breeder and owner:
Henry Tonyan, McHenry, Ill.

37295 **Spot of Wyanoak**
Sire *Lily's Son of Lewison* (15214)
Dam *Lowrance's Beauty* (22961)
Born—Aug. 11, 1915
Breeder and owner:
J. H. Jordan, Greenville, S. C.

37296 **Butter Boy Chêne**
Sire *Woodrow W.* (23577)
Dam *Imp. Corellia of Sarnia* (50462)
Born—May 4, 1915
Breeder and owner:
F. H. Wilke, Eau Claire, Wis.

37297 **King Intervale of Atkinson**
Sire *King of the Intervale Farm* (23488)
Dam *Lady Isabel of Rome* (43216)
Born—Sept. 25, 1915
Breeder—Curtis & Knilans, Fort Atkinson, Wis.
Owner—Edgewater Stock Farm, Fort Atkinson, Wis.

37298 **Sunbeam's King of Atkinson**
Sire *King of the Intervale Farm* (23488)
Dam *Sunbeam's Princess of Sunny Side* (48126)
Born—Oct. 1, 1915
Breeder—Curtis & Knilans, Fort Atkinson, Wis.
Owner—Edgewater Stock Farm, Fort Atkinson, Wis.

37299 **King Maribel of Atkinson**
Sire *King of the Intervale Farm* (23488)
Dam *Lady Maribel of Rome* (43215)
Born—Nov. 17, 1915
Breeder—Curtis & Knilans, Fort Atkinson, Wis.
Owner—Edgewater Stock Farm, Fort Atkinson, Wis.

37300 **Cloverdale Dan**
Sire *Masher Bass* (26366)
Dam *Polly of Cloverdale* (36604)
Born—Dec. 26, 1915
Breeder and owner:
W. H. Allen, Chelsea, Wis.

37301 **Maybell's Alderney Boy**
Sire *Alderney of Follyland* (25919)
Dam *Sequel's Pride's Maybell* (51852)
Born—June 15, 1915
Breeder—Clair G. Weeks, Surprise, N. Y.
Owner—F. W. Corey, Newburgh, N. Y.

37302 **Francesca's Boy of Riverside Orchard**
Sire *Coquette's Boy of Long Meadows* (24844)
Dam *Francesca B. of Lee Farm* (26771)
Born—May 1, 1915
Breeder and owner:
B. S. Fryar, Sumner, Wash.

37303 **Meadow Lands Mar**
Sire *Erminia's Mar* (20784)
Dam *Mina of Fine View* (26296)
Born—Sept. 19, 1912
Breeder and owner:
J. P. Murphy, Meadow Lands, Pa.

37304 **Reuben of Homestead**
Sire *Taftelius* (16853)
Dam *Goldie of Homestead* (22570)
Born—Sept. 3, 1915
Breeder and owner:
Otto Schmeisser, Kiel, Wis.

37305 **Pine Dale, Jr.**
Sire *Pine Dale* (19651)
Dam *Belle of Pine Dale* (49606)
Born—Dec. 28, 1915
Breeder and owner:
Paul Kickbusch, Wausau, Wis.

37306 **Hecla of Ringwood**
Sire *Ajax of Ringwood* (26963)
Dam *Daffodil of Ringwood* (47826)
Born—Nov. 15, 1915
Breeder and owner:
Mrs. Arthur Ryerson, Springfield Center, N. Y.

37307 **Clem of Hill Farm**
Sire *Dewdrop of Clover Hill Farm* (24533)
Dam *Daisy of Thiensville* (31853)
Born—Aug. 15, 1915
Breeder and owner:
Adolph Clausing, Thiensville, Wis.

37308 **Imp. Foxy of Sarnia**
Sire On Guernsey *My Own* (R. G. A. S. 3289 P. S.)
Dam *Imp. Dame of Sarnia* (58775)
Born—Aug. 20, 1915
Imp. in dam.
Breeder—Est. H. A. Dorey, Island of Guernsey.
Owner—W. H. Dupee, Santee, Cal.

37309 **Imp. Franc of Sarnia**
Sire *Imp. Golden Noble of the Chêne* (35593)
Dam *Imp. Dolly's Pride of Sarnia* (58776)
Born—Oct. 21, 1915
Imp. in dam.
Breeder—J. Bourgaise, Island of Guernsey.
Owner—W. H. Dupee, Santee, Cal.

37310 **Imp. Financier of Sarnia**
Sire *Imp. Golden Noble of the Chêne* (35593)
Dam *Imp. Dosia of Sarnia* (58767)
Born—Nov. 11, 1915
Imp. in dam.
Breeder—J. Bourgaise, Island of Guernsey.
Owner—W. H. Dupee, Santee, Cal.

37311 **Imp. Fred of Sarnia**
Sire On Guernsey *Governor of the Vauquiedor* (R. G. A. S. 2929 P. S.)
Dam *Imp. Dixie of Sarnia* (58745)
Born—Dec. 9, 1915
Imp. in dam.
Breeder—P. Girard, Island of Guernsey.
Owner—W. H. Dupee, Santee, Cal.

37312 **Imp. Flash of Sarnia**
Sire On Guernsey *Sequel's Mascot* (R. G. A. S. 3301 P. S.)
Dam *Imp. Doctress of Sarnia* (58760)
Born—Dec. 9, 1915
Imp. in dam.
Breeder—Falla Bros., Island of Guernsey.
Owner—W. H. Dupee, Santee, Cal.

37313 **Imp. Fritz of Sarnia**
Sire On Guernsey *Governor of the Vauquiedor* (R. G. A. S. 2929 P. S.)
Dam *Imp. Clementine of Sarnia* (58741)
Born—Dec. 16, 1915
Imp. in dam.
Breeder—A. Best, Island of Guernsey.
Owner—W. H. Dupee, Santee, Cal.

37314 **Imp. Focus of Sarnia**
Sire *Imp. Golden Noble of the Chêne* (35593)
Dam *Imp. Delight of Sarnia* (58764)
Born—Dec. 19, 1915
Imp. in dam.
Breeder—J. B. Tostevin, Island of Guernsey.
Owner—W. H. Dupee, Santee, Cal.

37315 **Yeksa's Glenwood of Valley View**
Sire *Jedetta's Glenwood* (12922)
Dam *Yeksa of Valley View* (28294)
Born—Sept. 3, 1913
Breeder and owner:
T. V. Hicks, Battle Creek, Mich.

37316 **Maggie's Glenwood of Valley View**
Sire *Jedetta's Glenwood* (12922)
Dam *Jeweller's Maggie of Cherry Hill* (26881)
Born—Dec. 18, 1913
Breeder and owner:
T. V. Hicks, Battle Creek, Mich.

37317 **James Glenhurst**
Sire *Glenhurst Cornerstone* (27712)
Dam *Olie Bates* (42623)
Born—Oct. 30, 1915
Breeder—C. C. Johnston, Butler, Pa.
Owner—Charles W. Hesselgesser, Cabot, Pa.

37318 **Isinglass**
Sire *Isinglass of Riverside Farm* (19559)
Dam *Queen of Fairfield Ave.* (41243)
Born—Aug. 25, 1915
Breeder and owner:
Thomas F. Dexter, Kent, Conn.

37319 **Langdon's Pride**
Sire *Nowaday* (26423)
Dam *Tinta* (38540)
Born—March 13, 1915
Breeder and owner:
James M. Codman, Brookline, Mass.

37320 **Pepp**
Sire *Glenwood's Combination of Linwood* (24368)
Dam *Dolsey 4th's Lassie* (39182)
Born—Nov. 11, 1914
Breeder and owner:
W. E. Evans, Jewell, Kansas.

37321 **Dimplechin's Lad**
Sire *Glenwood's Combination of Linwood* (24368)
Dam *Dimplechin* (43427)
Born—Sept. 6, 1915
Breeder and owner:
W. E. Evans, Jewell, Kansas.

37322 **Billy of Clover Valley Farm**
Sire *Paul Prince of Deer Creek* (20716)
Dam *Majella* (34603)
Born—Feb. 15, 1915
Breeder and owner:
H. A. Saur, Fort Atkinson, Wis.

37323 **Dorena's Sequel of Shady Side**
Sire *Queen's Sequel of Chestnut Hill* (24487)
Dam *Dorena of Chestnut Hill* (24592)
Born—Jan. 1, 1916
Breeder and owner:
J. W. Rice, Harmonsburg, Pa.

37324 **Blakeslee's First Son**
Sire *France-Elberon of Wawa* (15756)
Dam *Polly of Chestnut Farm* (36526)
Born—Dec. 16, 1914
Breeder and owner:
Robert Winsor, Weston, Mass.

37325 **Hope Farm's Laddie**
Sire *Quaint's Lad* (25786)
Dam *Duenota 2d's Cherry* (39231)
Born—July 2, 1915
Breeder—W. B. Douglas, St. Paul, Minn.
Owner—H. B. Douglas, Ferndale, Wash.

37326 **Fearless Don Pedro**
Sire *Fearless Boy* (22216)
Dam *Imp. Snowdrop of les Merriennes* (45972)
Born—Jan. 3, 1916
Breeder and owner:
George R. Meek, Bellefonte, Pa.

37327 **Prince Wolford**
Sire *Fearless Boy* (22216)
Dam *Imp. Donnington Giddy 2d* (45910)
Born—Jan. 16, 1916
Breeder and owner:
George R. Meek, Bellefonte, Pa.

37328 **Althea's Governor of Rose Bank Farms**
Sire *Imp. Governor of la Forge* (28636)
Dam *Althea of Riverside* (43886)
Born—Feb. 20, 1916
Breeder—George H. Weston, Skowhegan, Maine.
Owner—Myron H. Richardson, Littleton, N. H.

37329 **Branford May King**
Sire *Rockingham's Lad of Branford* (25762)
Dam *Laurentic* (36490)
Born—Sept. 10, 1915
Breeder and owner:
Morton F. Plant, Groton, Conn.

37330 **Nora's Darius**
Sire *Sequin* (18995)
Dam *Imp. Nora VI. du Tertre* (35007)
Born—Aug. 1, 1915
Breeder and owner:
Miss Ethel L. Paine, Heath, Mass.

37331 **Prince Giddy**
Sire *Prince Mentor* (28407)
Dam *Giddy Folly* (42881)
Born—July 5, 1915
Breeder and owner:
Iver I. Seim, Richville, Minn.

37332 **Duke of Alban**
Sire *Count of Loberg Glen* (22448)
Dam *Bela of Garfield* (39534)
Born—Sept. 1, 1915
Breeder and owner:
Est. A. O. Hole, Amherst Junction, Wis.

37333 **Frank Joseph**
Sire *Count of Loberg Glen* (22448)
Dam *Garfield's Lilly* (19086)
Born—Oct. 10, 1915
Breeder and owner:
Est. A. O. Hole, Amherst Junction, Wis.

37334 **Hillside Primrose Boy**
Sire *Normandie Farm Glenwood Boy* (26005)
Dam *Imp. Primrose II. of the Ville-au-Roi* (53629)
Born—Aug. 28, 1915
Breeder—Clarence Deshong, Chester, Pa.
Owner—Scranton Poor District, Clarks Summit, Pa.

37335 **Sir Jeweller**
Sire *Lady's Royal Jeweller* (23125)
Dam *Lady Rosealla* (31801)
Born—Nov. 7, 1915
Breeder and owner:
A. W. Prust, Deerfield, Wis.

37336 **Kaiser's Shamrock**
Sire *Imp. Kaiser of the Isle* (19603)
Dam *Imp. Polly II. of Pièce Nez* (36416)
Born—Oct. 15, 1915
Breeder and owner:
H. C. Sutcliffe, Black Earth, Wis.

37337 **Herald Raymond**
Sire *Raymond of Willowmore Farm* (21062)
Dam *Miss Mousie's Starlight of Evergreen* (45763)
Born—Oct. 10, 1915
Breeder and owner:
E. G. Van Heuklom, Appleton, Wis.

37338 **Willow's Prince Glen**
Sire *Prince Charles of Glen Grove* (15957)
Dam *Milkmaid's Queen* (27879)
Born—Sept. 8, 1915
Breeder—Charles B. Wood, Marysville, Wash.
Owner—Augustine & Kyer, Seattle, Wash.

37339 **El Capitan of Elk Mound**
Sire *Madra's Squire* (26699)
Dam *Fairy's Lily of Bonnie Brae* (44657)
Born—Sept. 1, 1915
Breeder and owner:
Allan H. Dickson, Elk Mound, Wis.

37340 **Frederick of Fairview**
Sire *Poppy Boy of Sunnyside* (23640)
Dam *Bessie Belle of Fairview* (42834)
Born—Aug. 17, 1915
Breeder and owner:
John H. Wheat & Son, Moravia, N. Y.

37341 **Cometa's Hambro**
Sire *Belle T.'s Hambro* (29114)
Dam *Cometa's Best* (26135)
Born—Aug. 20, 1915
Breeder and owner:
L. J. Chapman, Fort Atkinson, Wis.

37342 **Patsy's Pal of V. P. I.**
Sire *Raymond's Pal of Lewison* (16796)
Dam *Pattiview* (35503)
Born—Feb. 6, 1916
Breeder and owner:
Virginia Polytechnic Institute, Blacksburg, Va.

37343 **Talladeen's King Sequel**
Sire *Aurea's Sequel Boy* (26687)
Dam *Vega Talladeen of Iron Springs* (42963)
Born—Sept. 4, 1915
Breeder and owner:
C. E. & W. K. Patey, Waukesha, Wis.

37344 **Josephine's Hero of the Oaks Farm**
Sire *Imp. Clatford Hero 2d* (22240)
Dam *Josephine of the Oaks Farm* (33055)
Born—June 6, 1915
Breeder and owner:
C. W. Barron, Cohasset, Mass.

37345 **Sarah E.'s King of Oberland**
Sire *King William of Bon Ayre* (27316)
Dam *Sarah E. of South Side* (35723)
Born—July 30, 1915
Breeder—H. W. Wigman, Lansing, Mich.
Owner—Charles L. Ober, Novelty, Ohio.

37346 **Lynbrook's Archer**
Sire *Cora's Governor King of Chilmark* (27641)
Dam *Lynbrook Farm's Archeress* (47566)
Born—Feb. 8, 1916
Breeder and owner:
T. P. Lindsay, Southboro, Mass.

37347 **Gabriel's Dreadnaught**
Sire *Gabriel of Arcadia* (22562)
Dam *St. Amant of Lewison's Granddaughter* (34087)
Born—Aug. 14, 1915
Breeder and owner:
Herbert E. Coffin, Berwick, Maine.

37348 **Glenhevan**
Sire *Flavinius of Lochevan* (25949)
Dam *Glenstay's Stella* (33834)
Born—Aug. 7, 1915
Breeder and owner:
Palmer Romaine Bowdish, Cornwall, N. Y.

37349 **Pride's Marshall**
Sire *Marshall of Waddington* (14320)
Dam *Theodore's Pride* (42768)
Born—May 5, 1915
Breeder and owner:
J. C. Sonda & Sons, West Alexander, Pa.

37350 **Orker's Grover**
Sire *Oaklawn's Orker* (22343)
Dam *Plymouth Belle* (20743)
Born—Aug. 24, 1915
Breeder and owner:
H. M. Meyer, Montgomery, Minn.

37351 **Benjamin of Yeksahurst**
Sire *Old Ironsides* (23089)
Dam *Yeksanette* (42600)
Born—Aug. 30, 1915
Breeder and owner:
A. O. Oleson, Livingston, Wis.

37352 **Freedom's Laddie**
Sire *Evette's King* (22341)
Dam *Imp. Freedom's Lady* (33079)
Born—Jan. 30, 1916
Breeder—J. Russell Danks, De Lancey, N. Y.
Owner—J. J. Conner, East Meredith, N. Y.

37353 **Golden Hans**
Sire *Golden Hero of Grenwode* (27034)
Dam *Anne of Grenwode* (36885)
Born—Sept. 11, 1915
Breeder and owner:
Julius Clausing, Grafton, Wis.

37354 **Guernsey Chief 2d**
Sire *Guernsey Chief* (15731)
Dam *Edna Carlton of Maplewood* (62027)
Born—Sept. 20, 1915
Breeder and owner:
Mrs. C. J. Olstad, Drake, N. Dak.

37355 **Templar's Knight of the Iowa Oaks**
Sire *Imp. Lord Nelson of Alderney* (20306)
Dam *Templar Queen of the Oaks* (46378)
Born—Oct. 1, 1915
Breeder and owner:
Henrietta A. Nichols, Estherville, Iowa.

37356 **Little Sunbeam's Vanguard**
Sire *King's Vanguard* (22719)
Dam *Little Sunbeam* (22235)
Born—Nov. 13, 1915
Breeder—Est. Harmon E. Taber, Castile, N. Y.
Owner—Jacob Huebsch, Strykersville, N. Y.

37357 **Jack of Indian Creek**
Sire *Hillstead Joe* (26938)
Dam *Christine M.* (21850)
Born—Sept. 15, 1915
Breeder and owner:
Christ Muth, Manitowoc, Wis.

37358 **Yeoman's Jester of Maple Shade**
Sire *Yeoman of Maple Shade* (21946)
Dam *Audrey of Maple Shade* (43280)
Born—Aug. 19, 1915
Breeder and owner:
R. J. Weld, Sugar Grove, Pa.

37359 **Justine's Liberty Boy**
Sire *Liberty Boy of Broad Ridge* (28958)
Dam *Rutila's Justine* (47132)
Born—Aug. 28, 1915
Breeder and owner:
Merritt R. Farnam, Ira, N. Y.

37360 **Duke of Helvetia**
Sire *Pearl's Valley King* (30786)
Dam *Tressie of Valley Farm* (35855)
Born—Feb. 11, 1916
Breeder and owner:
Gust Byer, Manawa, Wis.

37361 **Prince Guinette**
Sire *Guinette's Perfection* (23343)
Dam *Marguerite B.* (17795)
Born—Nov. 3, 1914
Breeder and owner:
W. N. Porter, Evansville, Wis.

37362 **Mazoe's Boy**
Sire *Mazoe of Cherry Lane* (22586)
Dam *Larkfield Buttercup* (46055)
Born—Aug. 26, 1915
Breeder—H. W. Wigman, Lansing, Mich.
Owner—W. J. Royer, Orrville, Ohio.

37363 **Knight of Green Meadow**
Sire *Pencoyd's Golden Secret* (16550)
Dam *Imp. Naftiaux Polly II.* (36384)
Born—Nov. 17, 1915
Breeder and owner:
G. A. Cluett, Williamstown, Mass.

37364 **Major of Green Meadow**
Sire *Miron of Edgewater* (19355)
Dam *Imp. Fawny II.* (36343)
Born—Dec. 30, 1915
Breeder and owner:
G. A. Cluett, Williamstown, Mass.

37365 **Dairymaid's Raymond of Elm Tree Farm**
Sire *Foulon Raymond of Meadowsweet* (17256)
Dam *Imp. Dairy Maid III. of Bickleigh* (44570)
Born—Aug. 30, 1915
Breeder and owner:
E. W. Brundage, Hop Bottom, Pa.

37366 **John P. of Upland**
Sire *Edward of Upland* (19713)
Dam *Peebs* (45778)
Born—Oct. 25, 1915
Breeder and owner:
E. C. Gale, Saint Bonifacius, Minn.

37367 **Craigamoor Geoffrey**
Sire *Austerlitz* (25475)
Dam *Imp. Moonlight of the Isle* (44176)
Born—Sept. 6, 1915
Breeder and owner:
George C. Cooper, Superior, Wis.

37368 **Century Boy**
Sire *Sherwood's Golden Boy* (20309)
Dam *Golden Star of Pleasant View* (26524)
Born—Nov. 19, 1915
Breeder—W. S. Boyd, Wyalusing, Pa.
Owner—J. S. Thurston, Athens, Pa.

37369 **Dottie's Prince of Sunnyside**
Sire *Prince Hal of Bailey Falls* (22951)
Dam *Dottie Fern of Sunnyside* (50838)
Born—Feb. 20, 1916
Breeder and owner:
C. A. Balcom, Ohio, Ill.

37370 **Mayor Christopher**
Sire *Imp. Lizette's Raymond of the Préel* (16934)
Dam *Bargy of Hillhurst* (25461)
Born—March 1, 1916
Breeder and owner:
Evan B. Adams, Lisbon, Ohio.

37371 **Woodbine's Chieftain of Inverness**
Sire *Selma of Pinehurst 4th's Glenwood* (25849)
Dam *Woodbine* (26212)
Born—Aug. 29, 1915
Breeder—Robert O. Hargrave, Ripon, Wis.
Owner—A. W. & R. O. Hargrave, Ripon, Wis.

37372 **Roxy's Prince of Inverness**
Sire *Selma of Pinehurst 4th's Glenwood* (25849)
Dam *Roxy of Fern Ravine* (48586)
Born—Nov. 19, 1915
Breeder and owner:
A. W. & R. O. Hargrave, Ripon, Wis.

37373 **Peerless of Maple Hill**
Sire *Langwater Hayes Rosie's King of the May* (16723)
Dam *Glencoe's Miss of Maple Hill* (42089)
Born—Oct. 12, 1915
Breeder and owner:
Fruit Bros., Waukesha, Wis.

37374 **Lassie's Boy of Maple Hill**
Sire *May King's Vrangue of Ingleside* (15430)
Dam *Lassie of Maple Hill* (41441)
Born—Oct. 27, 1915
Breeder and owner:
Fruit Bros., Waukesha, Wis.

37375 **Nancy's Lad of Maple Hill**
Sire *May King's Vrangue of Ingleside* (15430)
Dam *Nancy Merrimac* (29046)
Born—Nov. 28, 1915
Breeder and owner:
Fruit Bros., Waukesha, Wis.

37376 **Happy Dairyman**
Sire *Two Bells* (18542)
Dam *Imp. Taylor's Dairymaid* (35220)
Born—Oct. 9, 1915
Breeder and owner:
Martin T. Allwardt, Yorkville, Ill.

37377 **Shenk**
Sire *Two Bells* (18542)
Dam *Pumpkins* (46886)
Born—Nov. 26, 1915
Breeder and owner:
Martin T. Allwardt, Yorkville, Ill.

37378 **Lucassienne's Reputation**
Sire *Fanny's Reputation* (21648)
Dam *Sequel's Lucassienne of Fritzlyn* (32127)
Born—Jan. 30, 1916
Breeder and owner:
H. P. Andersen & Son, Denmark, Wis.

37379 **Blanchflower's Reputation**
Sire *Fanny's Reputation* (21648)
Dam *Blanchflower of Lewison* (23765)
Born—Jan. 31, 1916
Breeder and owner:
H. P. Andersen & Son, Denmark, Wis.

37380 **Fanny's Royal Reputation**
Sire *Fanny's Reputation* (21648)
Dam *Imp. Fanny of Baubigny* (31639)
Born—Feb. 13, 1916
Breeder and owner:
H. P. Andersen & Son, Denmark, Wis.

37381 **May Boy of Longwood**
Sire *Yeoman of Roughwood* (29952)
Dam *Mayflower of Roughwood* (48221)
Born—Sept. 23, 1915
Breeder and owner:
Ernest B. Dane, Chestnut Hill, Mass.

37382 **Bobs of Roughwood**
Sire *Demonstrator of Roughwood* (23133)
Dam *Imp. Sequel's Busy Bee* (21343)
Born—Oct. 7, 1915
Breeder and owner:
Ernest B. Dane, Chestnut Hill, Mass.

37383 **Valkyrie of Roughwood**
Sire *Yeoman of Roughwood* (29952)
Dam *Daphne of Roughwood* (41727)
Born—Oct. 9, 1915
Breeder and owner:
Ernest B. Dane, Chestnut Hill, Mass.

37384 **Royal Prince of Helenwood**
Sire *Bohoes Ly* (15889)
Dam *Gilmanton Beauty* (35692)
Born—May 3, 1915
Breeder and owner:
George F. Krampeter, Mondovi, Wis.

37385 **Freedom of Sarnia**
Sire *Donohue* (22345)
Dam *Imp. Ambition of Sarnia* (40225)
Born—July 13, 1915
Breeder and owner:
Charles L. Hill, Rosendale, Wis.

37386 **Belle's Sunrise on Zumbro**
Sire *Imp. Florham Governor* (10213)
Dam *Imp. Belle of the Baissières IV.* (40028)
Born—Oct. 18, 1914
Breeder and owner:
C. H. Mayo, Rochester, Minn.

37387 **Bartlett's Chieftain, Jr.**
Sire *Imp. Bartlett's Chieftain* (26805)
Dam *Cream Gauge 3d* (30221)
Born—Sept. 5, 1915
Breeder and owner:
Mark Butler, Mount Vernon, Ind.

37388 **Pedro of Neenah**
Sire *Pedro of Pleasant View* (24389)
Dam *Daisy Bloom* (47073)
Born—Oct. 25, 1915
Breeder and owner:
J. T. Harness, Neenah, Wis.

37389 **Billie Prince**
Sire *Ellerslie Boy of Hazel Crest* (19725)
Dam *Goldy of the Greenwood Farm* (38992)
Born—Dec. 21, 1915
Breeder and owner:
Moses Greenwood, Sawyer, Wis.

37390 **Golden Governor of Rocky Ford**
Sire *Beirnetown Hero* (24150)
Dam *France's Iola* (43323)
Born—Sept. 1, 1915
Breeder and owner:
Clark E. Kitchen, Rocky Ford, Colo.

37391 **Peter Strattan**
Sire *Peter Charmer* (21899)
Dam *Janie Strattan* (50143)
Born—Sept. 13, 1915
Breeder—John F. Craig, Sligo, Pa.
Owner—B. F. Thompson, Sligo, Pa.

37392 **Souvenir of Ballard Farm**
Sire *St. Austell Souvenir* (28040)
Dam *Princess Virginia* (42460)
Born—Dec. 23, 1915
Breeder and owner:
Ballard Bros., Niles, Mich.

37393 **Kris Kringle of Ballard Farm**
Sire *Golden Noble's Pride of Windermere* (28378)
Dam *Rose of Windermere* (52680)
Born—Dec. 25, 1915
Breeder—J. K. Blatchford, Watervliet, Mich.
Owner—Ballard Bros., Niles, Mich.

37394 **Lona of the Prés's Nero**
Sire *Marcia's Nero of Fair View* (26153)
Dam *Imp. Lona of the Prés* (47903)
Born—Sept. 4, 1915
Breeder and owner:
J. J. Thompson, Lisbon, N. Y.

37395 **Bell Dorey's Hero**
Sire *Marcia's Hero of Fair View* (26152)
Dam *Bell Dorey* (49558)
Born—Sept. 18, 1915
Breeder and owner:
J. J. Thompson, Lisbon, N. Y.

37396 **Alex of Bellview's Hero**
Sire *Marcia's Hero of Fair View* (26152)
Dam *Imp. Alex of Bellview* (47705)
Born—Sept. 23, 1915
Breeder and owner:
J. J. Thompson, Lisbon, N. Y.

37397 **Viola's Hero of Old Orchard**
Sire *Marcia's Hero of Fair View* (26152)
Dam *Viola of Waddington* (31098)
Born—Sept. 24, 1915
Breeder—Jesse Thompson & Son, Lisbon, N. Y.
Owner—J. J. Thompson, Lisbon, N. Y.

37398 **Sir Noble of Wilco Farms**
Sire *Imp. Moss Rose's Sequel II. of the Barras* (26850)
Dam *Imp. Lady Jessica* (35005)
Born—May 24, 1915
Breeder—Frank P. Ewins, Kansas City, Mo.
Owner—The Willis Coal & Mining Co., Willisville, Ill.

37399 **Jerry Boy of Wilco Farms**
Sire *Imp. Moss Rose's Sequel II. of the Barras* (26850)
Dam *Imp. Norah of the Gelé* (34345)
Born—May 25, 1915
Breeder—Frank P. Ewins, Kansas City, Mo.
Owner—The Willis Coal & Mining Co., Willisville, Ill.

37400 **Moss Rose's Sequel of Wilco Farms**
Sire *Imp. Moss Rose's Sequel II. of the Barras* (26850)
Dam *Imp. Favorite II. of Figtree* (37757)
Born—Aug. 19, 1915
Breeder—Frank P. Ewins, Kansas City, Mo.
Owner—The Willis Coal & Mining Co., Willisville, Ill.

37401 **Wilco Gay Lad du Braye**
Sire *Imp. Moss Rose's Sequel II. of the Barras* (26850)
Dam *Imp. Queen Regent VI.* (34335)
Born—Aug. 30, 1915
Breeder—Frank P. Ewins, Kansas City, Mo.
Owner—The Willis Coal & Mining Co., Willisville, Ill.

37402 **Bob of Elmlawn**
Sire *Imp. Jeannette's Masher's Sequel* (12071)
Dam *Pansy of Elmlawn* (36158)
Born—July 27, 1915
Breeder and owner:
G. E. Foster, Cornville, Maine.

37403 **Glencoe Glen**
Sire *Glen of the Pines* (18671)
Dam *Sultan's Butterwick* (32959)
Born—Nov. 19, 1915
Breeder and owner:
Ernest O. Herbert, Arcadia, Wis.

37404 **Prince Marshall's Butter Boy**
Sire *Prince Marshall* (22468)
Dam *Monadnock's Buttercup of Hillside Farms* (24328)
Born—Aug. 23, 1915
Breeder and owner:
H. G. Staples, Wilton, Maine.

37405 **Aptos Prince**
Sire *Imp. Ferbrache's Cocot* (17285)
Dam *Beautiful Belle of Alta Vista* (32688)
Born—July 19, 1913
Breeder—Charles G. Lathrop, Stanford University, Cal.
Owner—William T. Sesnon, San Francisco, Cal.

37406 **Raymond of Sheboygan**
Sire *Raymond of Wayland* (20339)
Dam *Imp. Primrose IV. du Pont* (53808)
Born—Sept. 14, 1915
Breeder and owner:
M. J. Hoppert, Sheboygan, Wis.

37407 **Chicola's Prince**
Sire *Corinna White 5th's President* (23027)
Dam *Maple Lawn's Chicola* (37991)
Born—Aug. 23, 1915
Breeder—M. G. Dewey, Meadville, Pa.
Owner—H. M. Clark, Conneaut Lake, Pa.

37408 **Maud's Bijou of Threebrook**
Sire *Imp. Bijou des Sages* (15382)
Dam *Maud of Hoosick* (24418)
Born—March 25, 1914
Twin with cow No. 63264.
Breeder and owner:
W. H. Dixon, Williamstown, Mass.

37409 **Inez's Bonny Boy of Riverdale**
Sire *Bonny Boy of Riverdale* (29070)
Dam *Inez Queen Mary of Anoka* (48613)
Born—Nov. 22, 1915
Breeder and owner:
William Nelson Pelouze, Oconomowoc, Wis.

37410 **Sandy of Brookside**
Sire *Masher's Casterilius* (26649)
Dam *Barnato's June Rose* (36723)
Born—Aug. 12, 1915
Breeder and owner:
George D. Telfer, Fort Atkinson, Wis.

37411 **King of Hunter Camp**
Sire *May Rose King of Burnside* (18601)
Dam *I. X. L. 4th's Lady Alice* (35296)
Born—Jan. 19, 1916
Breeder—H. C. McCamon, Lisbon, Ohio.
Owner—R. W. Lodge, Lisbon, Ohio.

37412 **Rehoboam of Huesta Farm**
Sire *Solomon of Oakwood* (30725)
Dam *Lillie of Oakwood* (53825)
Born—Feb. 2, 1916
Breeder and owner:
John A. Huber, Marion, Ohio.

37413 **Vernon of Pencoyd**
Sire *Langwater Pencoyd* (21830)
Dam *Clover of Pencoyd 3d* (48274)
Born—Oct. 20, 1915
Breeder and owner:
T. W. & I. W. Roberts, Bala, Pa.

37414 **Leda's Duke of Somerset**
Sire *Prince Leda* (22458)
Dam *Imp. Viola's Heroine* (47263)
Born—Dec. 2, 1915
Breeder and owner:
James N. Naulty, Martinsville, N. J.

37415 **Canary of the Mesa**
Sire *Caruso of Clovernook* (12824)
Dam *Alma Darien* (42735)
Born—Oct. 21, 1915
Breeder and owner:
New Mexico Agricultural College, State College, New Mexico.

37416 **Hope's Chester**
Sire *Prominence* (21271)
Dam *Hope of La Grange* (25404)
Born—Sept. 22, 1915
Breeder and owner:
Edward Young, West Salem, Wis.

37417 **Grand Duke of The Forges**
Sire *Raymond's Cambrées Lad of Lewison* (19611)
Dam *Notable's Daisy of the Forges* (46978)
Born—Sept. 7, 1915
Breeder and owner:
Sherman L. Whipple, Plymouth, Mass.

37418 **Avon-Vale's May Rose Golden Secret**
Sire *May Rose Secret of Pencoyd* (27844)
Dam *Rosie S. of Edgewater* (48106)
Born—Jan. 26, 1916
Breeder—F. G. Benham, Canandaigua, N. Y.
Owner—C. L. Whiting, Avon, N. Y.

37419 **Stockdale Dan**
Sire *Stockdale Masher* (29081)
Dam *King's Deanie* (25400)
Born—Aug. 9, 1915
Breeder and owner:
Rud. K. Hynicka, Lebanon, Pa.

37420 **Colonel of Shady Lawn Guernsey Farm**
Sire *Benjamin of Maplewood* (19624)
Dam *Imp. Squire's Nelly du Douit* (36437)
Born—Sept. 26, 1915
Breeder and owner:
Elmer Jacobs, Chesterland, Ohio.

37421 **Massa's Boy of Hillside**
Sire *Massasoit of Bon Ayre* (28372)
Dam *Quoin of Hillside* (45198)
Born—Aug. 23, 1915
Breeder and owner:
Rush L. Chapman, Fort Atkinson, Wis.

37422 **Bowl's King Masher**
Sire *King Masher's King* (24686)
Dam *Golden Bowl Snowdoun* (33341)
Born—June 20, 1915
Breeder and owner:
H. W. Griswold, West Salem, Wis.

37423 **Sunburst's King Masher**
Sire *King Masher's King* (24686)
Dam *Yeksa Sunburst* (22576)
Born—June 20, 1915
Breeder and owner:
H. D. Griswold, West Salem, Wis.

37424 **Yeksatop's King Masher**
Sire *King Masher's King* (24686)
Dam *Yeksatop* (26272)
Born—July 7, 1915
Breeder and owner:
H. W. Griswold, West Salem, Wis.

37425 **Masher D.**
Sire *King Masher's King* (24686)
Dam *Lorna D.* (22074)
Born—Oct. 1, 1915
Breeder—S. L. Dudley, West Salem, Wis.
Owner—H. W. Griswold, West Salem, Wis.

37426 **My Lady's Prince**
Sire *Princess Deasie's Son* (28148)
Dam *My Lady Snowdoun* (38407)
Born—Oct. 7, 1915
Breeder and owner:
H. D. Griswold, West Salem, Wis.

37427 **Bruce of Lilydale Farm**
Sire *Golden Lad of Paxtang* (9482)
Dam *Tricksey Queen* (32604)
Born—April 9, 1915
Breeder and owner:
Fred J. Bandy, Wausau, Wis.

37428 **Prince of the Rancho**
Sire *C. Q. D.* (15156)
Dam *Princess of Meadowbrook* (25185)
Born—Jan. 24, 1915
Breeder—H. W. Wigman, Lansing, Mich.
Owner—Elliott-Brant Rancho, Owensmouth, Cal.

37429 **Connecticut Farm's Beauty**
Sire *Langwater Adventurer* (23117)
Dam *Conyers Daisy Honeymoon* (44474)
Born—Aug. 18, 1914
Breeder and owner:
E. C. Converse, Greenwich, Conn.

37430 **Grasslands Prince Regent**
Sire *Jethro Bass* (11366)
Dam *Princess Regent of Grasslands* (54757)
Born—Dec. 26, 1914
Breeder and owner:
Robert & Herbert Scoville, Taconic, Conn.

37431 **Marshall's Jesse Willard**
Sire *Reed's Marshall* (17091)
Dam *Margaret of Mentor* (36777)
Born—Sept. 3, 1915
Breeder and owner:
C. A. Hayden, Monongahela, Pa.

37432 **Glendett of Maple Grove**
Sire *Peter of the Pines* (28788)
Dam *Glenwood's Almeta* (40929)
Born—Oct. 24, 1915
Breeder and owner:
J. H. Nahrgang, Lewiston, Minn.

37433 **Martha's Rover**
Sire *Reddy of Prospect* (26875)
Dam *Arroyo's Martha* (42660)
Born—March 7, 1916
Breeder and owner:
George L. Anderson, Chetek, Wis.

37434 **Jeff of Nelsonville**
Sire *Prince Elderon of Lake View* (20104)
Dam *Evelyn's Luella* (27524)
Born—Oct. 16, 1915
Breeder and owner:
Carl O. Doxrud, Nelsonville, Wis.

37435 **Duke of Crystal Stream**
Sire *Royalette's Standard* (20141)
Dam *Buttercup of Crystal Stream* (38083)
Born—Oct. 15, 1915
Breeder and owner:
L. L. Loberg, Nelsonville, Wis.

37436 **Prince of Scandinavia**
Sire *Royalette's Standard* (20141)
Dam *Fromsey* (22450)
Born—Nov. 19, 1915
Breeder and owner:
L. L. Loberg, Nelsonville, Wis.

37437 **William of Prospect Home**
Sire *King Nobska* (25349)
Dam *Hulda of Snowdoun* (14058)
Born—Aug. 23, 1915
Breeder and owner:
J. W. Budderman, Roberts, Wis.

37438 **Moneymaker's Rival**
Sire *Young Moneymaker* (24407)
Dam *Miss Corbett 3d* (57416)
Born—Oct. 2, 1915
Breeder and owner:
George Eddy, Malone, N. Y.

37439 **Glenwood Cyco**
Sire *Ukiah* (14344)
Dam *Radium's Glenwood* (22370)
Born—Oct. 25, 1915
Breeder—W. D. Hoard, Fort Atkinson, Wis.
Owner—Hoffman & Erdman, Fort Atkinson, Wis.

37440 **Duke of Coles Hill**
Sire *Major of Delmar* (22159)
Dam *Mildred of Hickory Grove* (24053)
Born—Jan. 19, 1916
Breeder and owner:
Joe Walker, Nineveh, N. Y.

37441 **King Cup of Franklin Farms**
Sire *Nell's Encore* (19705)
Dam *Imp. Wickham Lily* (45981)
Born—July 2, 1915
Breeder and owner:
Franklin Murphy, Mendham, N. J.

37442 **Pride of Maple Valley**
Sire *Elwood of Maple Glen 2d* (26923)
Dam *Madge T.* (23903)
Born—Nov. 14, 1915
Breeder and owner:
George Hansen, South Valley, N. Y.

37443 **Prince James**
Sire *Chimes of Westwood* (22746)
Dam *Vera of Hillsover* (19149)
Born—Dec. 17, 1915
Breeder and owner:
The Elmwood Farm Co., Inc., Springville, N. Y.

37444 **Golden Lad's Bonnie Boy**
Sire *Buttercup's Golden Lad* (20439)
Dam *The Dudley Pride* (33499)
Born—Dec. 15, 1915
Breeder and owner:
Torge & Swartz, Salamanca, N. Y.

37445 **Lord Grée**
Sire *Triple Champion* (13067)
Dam *Imp. Lady Grée's Daughter* (28321)
Born—Aug. 9, 1914
Breeder and owner:
Edward R. Andrews, Putney, Vt.

37446 **Clover's Duke of Maple Glen**
Sire *Lily's Governor* (26909)
Dam *Clover of Maple Glen* (49107)
Born—Sept. 20, 1915
Breeder and owner:
T. C. Spencer, Chardon, Ohio.

37447 **Person's Butter Boy**
Sire *Lysander Combination* (19015)
Dam *Lysander Girl* (36156)
Born—Dec. 12, 1915
Breeder—Van Doren Bros., Lysander, N. Y.
Owner—F. R. Allen, Ithaca, N. Y.

37448 **Masher's Model Lad of Gray Gables**
Sire *Masher's Model* (21840)
Dam *Zadia's Pretor Wild Rose S.* (35725)
Born—Sept. 15, 1915
Breeder and owner:
C. E. Fulton, Springfield, Mo.

37449 **Mixter of X. L.**
Sire *Langwater Demonstrator* (16451)
Dam *Duchess Select Rose* (55343)
Born—Aug. 31, 1915
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

37450 **Mixter Merlin**
Sire *Yeoman's King of the May* (17053)
Dam *Glassie* (20659)
Born—Nov. 29, 1915
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

37451 **Dixie's Prince of Belmont**
Sire *Prince George of Belmont* (23435)
Dam *Dixie Girl of Belmont* (39896)
Born—Dec. 3, 1914
Twin with bull No. 36050.
Breeder and owner:
William W. Knight, Perrysburg, Ohio.

37452 **Miranda's Mascot**
Sire *Mascot of the Glen* (23725)
Dam *Imp. Miranda II. of Les Houards* (31706)
Born—Sept. 8, 1915
Breeder—Frank Reed Sanders, Mesa, Ariz.
Owner—Ernst E. Lehmann, Lake Villa, Ill.

37453 **Demonstrator of Twin Farms**
Sire *Demonstrator of Hillstead* (24952)
Dam *Anita of Hillstead* (16644)
Born—Aug. 16, 1915
Breeder—Mrs. Alfred A. Pope, Farmington, Conn.
Owner—Buell T. Holcomb, West Simsbury, Conn.

37454 **Tip Top Glen Weeks**
Sire *Rowdy* (23388)
Dam *Tip Top Sue* (51387)
Born—April 12, 1915
Breeder and owner:
George R. Thompson, Canonsburg, Pa.

37455 **William White**
Sire *Lewison's Lad* (17515)
Dam *Soft* (14865)
Born—June 22, 1914
Breeder—A. C. Wilson, Callensburg, Pa.
Owner—J. W. Hartman, Sligo, Pa.

37456 **Sir Robert of Walnut Hill**
Sire *Imp. Roberts' Boy of the Barras* (22446)
Dam *Topsy of Cox Farms* (45838)
Born—Aug. 18, 1915
Breeder and owner:
Louis S. Cox, Lawrence, Mass.

37457 **Della's Barney**
Sire *Unison of Chestnut Hill* (15821)
Dam *Della of Mentor* (32098)
Born—Aug. 8, 1915
Breeder and owner:
C. A. Hayden, Monongahela, Pa.

37458 **Butter Scotchman**
Sire *Scotch Whiskey* (23713)
Dam *Bellma's Maid 3d* (49473)
Born—Nov. 21, 1914
Breeder—Charles A. Groff, Creamery, Pa.
Owner—Allic S. Knudson, Brodhead, Wis.

37459 **Tricksey's Glenwood Governor**
Sire *Haakon of Crystal Springs* (24333)
Dam *Juanita of Rapids* (36048)
Born—Jan. 27, 1916
Breeder and owner:
N. T. Nelson, Manitowoc, Wis.

37460 **Zella's Pardette**
Sire *Pardette* (17621)
Dam *Imp. Zella of Ore Hill* (48060)
Born—Dec. 7, 1915
Breeder and owner:
Wichern Bros., Baraboo, Wis.

37461 **Wallace Yeksa Zebo**
Sire *Walter Zebo* (25727)
Dam *Kitty Yeksa* (49557)
Born—Nov. 3, 1915
Breeder and owner:
Roy M. Hatch, Warren, Ohio.

37462 **Benny Magnet Zebo**
Sire *Walter Zebo* (25727)
Dam *Miss Magnet Maude* (49556)
Born—Nov. 23, 1915
Breeder and owner:
Roy M. Hatch, Warren, Ohio.

37463 **Dan Marion from Bellmath**
Sire *Selma's Main Stay's Son* (23585)
Dam *Elsie of Bellmath* (43948)
Born—Jan. 25, 1916
Breeder and owner:
H. C. Crocker & Son, Sennett, N. Y.

37464 **Kelly from Bellmath**
Sire *Selma's Main Stay's Son* (23585)
Dam *Bellmath's Theta* (39266)
Born—Jan. 29, 1916
Breeder and owner:
H. C. Crocker & Son, Sennett, N. Y.

37465 **Rosie's Count**
Sire *Buttercup's Brave* (19987)
Dam *Rosie's Queen 2d* (20383)
Born—Sept. 29, 1915
Breeder and owner:
New York State Department of Agriculture, Albany, N. Y.

37466 **Duke of Middlebrook**
Sire *Sue's King of Tarbell Farms* (23037)
Dam *Hebe of Middlebrook* (38921)
Born—Jan. 12, 1916
Breeder and owner:
C. H. Zehnder, Asbury Park, N. J.

37467 **Pride of Sturdy Oak Farm**
Sire *Dimple Bloom 2d* (20199)
Dam *Thirty Thousand Eight Hundred Six* (30806)
Born—Jan. 19, 1916
Breeder and owner:
A. A. Geise, Sunbury, Pa.

37468 **Evelyn's Actor**
Sire *Jolly Boy* (15992)
Dam *Daisy's Evelyn* (32603)
Born—April 5, 1915
Breeder and owner:
Harvey Chrysler, Osseo, Wis.

37469 **Village Conqueror**
Sire *Rozen of Koshkonong Place* (13921)
Dam *Parna of the Elms* (24868)
Born—Jan. 16, 1916
Breeder and owner:
J. S. Capper, Grand Junction, Mich.

37470 **Baden's Pride**
Sire *Violet's Pride of Iowa* (20208)
Dam *Marion of Edgewater* (40046)
Born—Oct. 22, 1915
Breeder—Est. Charles G. Lathrop, Stanford University, Cal.
Owner—E. N. Brown, South San Francisco, Cal.

37471 **Chief Lyons of River Banks**
Sire *Swan's Pride of Belmont* (20342)
Dam *Lady Lyons of Bon Ayre* (47660)
Born—Aug. 24, 1915
Breeder and owner:
Leonard Orchards Co., Grants Pass, Oregon.

37472 **Pearl's Pretor**
Sire *Donald Pretor of Broadridge* (19736)
Dam *Norah's Pearl* (55615)
Born—Oct. 27, 1915
Breeder—Clair Strickland, Camillus, N. Y.
Owner—Thomas H. Munro, Camillus, N. Y.

37473 **Billy Buster of Locust Grove**
Sire *Imp. Raymond of the Préel IV.* (19235)
Dam *Imp. Lake Bloomer* (22724)
Born—Aug. 1, 1914
Breeder and owner:
A. A. Gillette, Lima, N. Y.

37474 **Miriam's Ben of Westwood**
Sire *Jethro Sequel* (18517)
Dam *Miriam Cole of Westwood* (39391)
Born—Sept. 6, 1915
Breeder and owner:
W. J. & C. G. Morton, Springville, N. Y.

37475 **Katy's Colonel of Westwood**
Sire *Jethro Sequel* (18517)
Dam *Katy Cole of Westwood* (27839)
Born—Sept. 19, 1915
Breeder and owner:
W. J. & C. G. Morton, Springville, N. Y.

37476 **Christie's Nero of Westwood**
Sire *Jethro Sequel* (18517)
Dam *Christie Cole of Westwood* (31451)
Born—Oct. 11, 1915
Breeder and owner:
W. J. & C. G. Morton, Springville, N. Y.

37477 **Lucy's King of Westwood**
Sire *Jethro Sequel* (18517)
Dam *Lucy Cole of Westwood* (26347)
Born—Dec. 7, 1915
Breeder and owner:
W. J. & C. G. Morton, Springville, N. Y.

37478 **Lulu's Prince of Westwood**
Sire *Jethro Sequel* (18517)
Dam *Lulu Cole of Westwood* (31507)
Born—Dec. 10, 1915
Breeder and owner:
W. J. & C. G. Morton, Springville, N. Y.

37479 **Duke of Westwood**
Sire *Jethro Sequel* (18517)
Dam *Duchess of Westwood* (23038)
Born—Dec. 30, 1915
Breeder and owner:
W. J. & C. G. Morton, Springville, N. Y.

37480 **Falcon's Beau**
Sire *Raymond's Pioneer of Lewison* (19103)
Dam *Imp. Lily of Mt. Plaisant* (33244)
Born—Dec. 12, 1915
Breeder and owner:
B. Austin Cheney, Litchfield, Conn.

37481 **Cherry's Raymond**
Sire *Raymond's Pioneer of Lewison* (19103)
Dam *Imp. Alderney Cherry* (40370)
Born—Nov. 22, 1915
Breeder and owner:
B. Austin Cheney, Litchfield, Conn.

37482 **Falcon's Nobleman**
Sire *Prince of Litchfield* (18868)
Dam *Founder's Cassifide* (37578)
Born—Dec. 21, 1915
Breeder and owner:
B. Austin Cheney, Litchfield, Conn.

37483 **Gold Dust's Butter Billy of Lynnhurst**
Sire *Gold Dust's May King* (24740)
Dam *Imp. Gay Lad's Glenora* (50323)
Born—Sept. 15, 1915
Breeder and owner:
M. B. Lee, Hillsboro, Wis.

37484 **Gold Dust's King of the May of Lynnhurst**
Sire *Gold Dust's May King* (24740)
Dam *Silver Bell of Lynnhurst* (41600)
Born—Sept. 25, 1915
Twin with bull No. 37485.
Breeder and owner:
Mrs. M. B. Lee, Hillsboro, Wis.

37485 **Gold Dust's May King of Lynnhurst**
Sire *Gold Dust's May King* (24740)
Dam *Silver Bell of Lynnhurst* (41600)
Born—Sept. 25, 1915
Twin with bull No. 37484.
Breeder and owner:
Mrs. M. B. Lee, Hillsboro, Wis.

37486 **Hambro's Starlight**
Sire *Miss Luetilius's Hambro* (28330)
Dam *Agnes of Oak Grove* (24249)
Born—Sept. 8, 1915
Breeder and owner:
W. J. Heid, Fort Atkinson, Wis.

37487 **May King of Lake Bluff**
Sire *Miss Luetilius's Hambro* (28330)
Dam *Glorious's May Queen* (40868)
Born—Oct. 22, 1915
Breeder and owner:
W. J. Heid, Fort Atkinson, Wis.

37488 **Hambro of Lake Bluff**
Sire *Miss Luetilius's Hambro* (28330)
Dam *Gloria of Lake Bluff* (36321)
Born—Oct. 25, 1915
Breeder and owner:
W. J. Heid, Fort Atkinson, Wis.

37489 **Jim of Sweet Clover Farm**
Sire *Jim Jefferies of Fulton* (19080)
Dam *Wild Rose's Rebecca S.* (33967)
Born—Sept. 15, 1915
Breeder and owner:
Gustav Voigt, Claremont, Ill.

37490 **Aaron Collings**
Sire *Kershaw of Mayesville* (18276)
Dam *Olive of Oswego* (41842)
Born—Feb. 17, 1916
Breeder and owner:
C. M. Boykin, Mayesville, S. C.

37491 **Ramée's Napoleon of Chesapeake**
Sire *Langwater Stars and Stripes* (21872)
Dam *Ramée's Fay* (24861)
Born—Dec. 4, 1915
Twin with cow No. 63370.
Breeder—Frank Graham Thomson, Devon, Pa.
Owner—Millard F. Bingham, Oxford, Md.

37492 **Illini Prince**
Sire *Serpent* (19802)
Dam *Isabinda of Spring City* (29938)
Born—June 21, 1915
Breeder—Roy Burton, Eagle, Wis.
Owner—University of Illinois, Urbana, Ill.

37493 **Anchor of Spray**
Sire *Wallace of La Grange* (26725)
Dam *Fay's Beauty* (41953)
Born—April 2, 1915
Breeder and owner:
Greensboro-Roanoke Cattle Co., Spray, N. C.

37494 **Spray's Masher**
Sire *Golden Colore* (13373)
Dam *Diana of La Grange* (28412)
Born—May 21, 1915
Breeder and owner:
Greensboro-Roanoke Cattle Co., Spray, N. C.

37495 **Eli's Mark of Lakefields**
Sire *Glenwood's Prince Eli of Lakefields* (21990)
Dam *Von Don Cormina* (33948)
Born—Sept. 24, 1913
Breeder and owner:
E. G. Crocker, St. Albans, Maine.

37496 **Thomas-a-Dandy**
Sire *Combination's King* (21850)
Dam *Heiress of Green View* (43056)
Born—Oct. 25, 1915
Breeder—Harry Leppla, Appleton, Wis.
Owner—B. C. Helms, Marion, Wis.

37497 **Bob of West Side**
Sire *Pardinee's Duke* (23233)
Dam *Helen Snowdoun* (36853)
Born—Nov. 13, 1915
Breeder and owner:
Andrew Kolkind, Menomonie, Wis.

37498 **Dale Archer**
Sire *King Archer* (23835)
Dam *Vista's Lynette* (33364)
Born—Oct. 11, 1915
Breeder—W. J. Dawson, La Crosse, Wis.
Owner—J. W. Carnagey, Belton, Mo.

37499 **Lady Maid's Sequel of Highway**
Sire *Sequel of Highway* (20553)
Dam *Lady Maid of Highway* (25234)
Born—Nov. 27, 1915
Breeder and owner:
John W. Little, Hanover, Pa.

37500 **Delphas's Glenwood**
Sire *Glenwood Genave* (16474)
Dam *Delphas* (38742)
Born—Sept. 29, 1913
Breeder and owner:
R. V. Montgomery & Son, Cameron, Mo.

37501 **Golden Lad of Cosquay**
Sire *Maidstone* (20428)
Dam *Golden Rose of Cosquay* (63098)
Born—July 15, 1915
Breeder and owner:
E. J. Adkins, Hebron, Md.

37502 **Glenwood's Prince Royal**
Sire *Glenwood Boy of Five Pines* (28237)
Dam *Tahiti* (41995)
Born—Jan. 3, 1916
Breeder and owner:
Eugene Wilcox, Bangor, Mich.

37503 **Sheba's Governor of Cedar Lawn**
Sire *Imp. Governor's Whimsome* (26189)
Dam *Imp. Sheba II. of les Bordages* (46430)
Born—Nov. 11, 1915
Breeder—C. W. Scholtz, Pewaukee, Wis.
Owner—George Konrad, South Germantown, Wis.

37504 **Ruth's Golden Lad**
Sire *Lord Golden of Hampton Court* (29191)
Dam *Lady Ruth of Hampton Court* (47604)
Born—Nov. 21, 1915
Breeder and owner:
Fred M. Crosby, Natick, Mass.

37505 **Main Stay of Springfield**
Sire *Selma of Pinehurst 3d's Main Stay* (20692)
Dam *Lady Seymour* (15673)
Born—Aug. 21, 1915
Breeder and owner:
Miss Caroline Archer, Reading, Pa.

37506 **Auricula B.'s Stranford**
Sire *Selma of Pinehurst 3d's Main Stay* (20692)
Dam *Auricula B. of Pinehurst* (35068)
Born—Nov. 29, 1915
Breeder and owner:
Miss Caroline Archer, Reading, Pa.

37507 **Violet's Rockingham of the Manor**
Sire *Rockingham of the Manor* (29284)
Dam *Imp. Violet of Pulias* (18556)
Born—Aug. 15, 1915
Breeder and owner:
Theodore L. Harrison, Jr., Rosemont, Pa.

37508 **Nantaska's Lad**
Sire *Nowaday* (26423)
Dam *Nantaska 5th* (35253)
Born—April 8, 1915
Breeder and owner:
James M. Codman, Brookline, Mass.

37509 **The Diamond Prince of the Owl Nest**
Sire *Diamond of Rosemont* (17587)
Dam *Hawthorn's Princess of Rosemont* (36324)
Born—Aug. 12, 1915
Breeder and owner:
A. S. Bell, West Alexander, Pa.

37510 **Stratford's E. F.**
Sire *Atolla's Ellenwood Main Stay* (22629)
Dam *Lady Trowbridge 4th* (32869)
Born—July 30, 1915
Breeder and owner:
Edwin F. Meyer, Chicago, Ill.

37511 **Ira**
Sire *Imp. Clara's Sequel's Son* (19741)
Dam *Grace Best* (49114)
Born—Sept. 13, 1915
Breeder and owner:
Harry Jewett, Bangor, Wis.

37512 **Gold Finder's Oregon**
Sire *Gold Finder's Western Boy* (26186)
Dam *Imp. Buttes Flower IV.* (54099)
Born—Sept. 12, 1915
Breeder and owner:
C. L. Hawley, McCoy, Oregon.

37513 **Gold Finder's Sequel**
Sire *Gold Finder's Western Boy* (26186)
Dam *Imp. Topsy VII. of Roque Balan* (54094)
Born—Dec. 14, 1915
Breeder and owner:
C. L. Hawley, McCoy, Oregon.

37514 **Baby's Jumbo of Hickory Lawn**
Sire *Clay Ball* (22848)
Dam *Inez Baby* (24375)
Born—Dec. 27, 1915
Breeder and owner:
M. E. Simonson, Whitewater, Wis.

37515 **Jack of Lind**
Sire *Amherst Jack* (20656)
Dam *Lindy of Lind* (26732)
Born—Aug. 27, 1915
Breeder and owner:
William Wied, Waupaca, Wis.

37516 **May Rose-Starlight 2d**
Sire *May Rose-Starlight* (24803)
Dam *Starlight's Coley* (33440)
Born—Aug. 1, 1915
Breeder and owner:
Jean Du Luth Farm, Inc., Duluth, Minn.

37517 **Paderewski**
Sire *Fantine's General* (22469)
Dam *Nugget's Coral* (48000)
Born—Oct. 17, 1915
Breeder and owner:
George M. Chapman, Waukesha, Wis.

37518 **Mixter Nobska 2d**
Sire *Mixter Nobska* (28797)
Dam *Alberta's Mary* (29768)
Born—Nov. 14, 1915
Breeder and owner:
J. G. Morrison, Barre, Vt.

37519 **King Mac of Ravensthorp**
Sire *Ravensthorp's Early Riser* (19782)
Dam *Onaway's Onondaga* (36762)
Born—March 11, 1913
Breeder and owner:
J. G. Thorp, Boston, Mass.

37520 **Duke of Pleasant Valley**
Sire *Jack of Oak Ridge* (34284)
Dam *Springdale of Fairview* (52823)
Born—Aug. 25, 1915
Breeder and owner:
H. J. Giese, Jefferson, Wis.

37521 **Prince Primal Rose**
Sire *Primal Comely* (28743)
Dam *Viola Rose* (17173)
Born—Feb. 4, 1916
Breeder and owner:
W. S. Dunlap, Shippensburg, Pa.

37522 **Cylia's King**
Sire *Imp. Goldseeker of Anna Dean Farm* (26106)
Dam *Imp. Cylia* (28452)
Born—Aug. 16, 1914
Breeder—O. C. Barber, Akron, Ohio.
Owner—Carl Gerber, Birmingham, Ohio.

37523 **Corbin of Hickory Grove**
Sire *Lehigh's Golden Emperor* (15761)
Dam *Emmela Pearl* (25943)
Born—Jan. 21, 1915
Breeder and owner:
Henry Winke, Portage, Wis.

37524 **Twinkle Reuben**
Sire *Reuben Ray* (24055)
Dam *Twinkling Blossom* (45116)
Born—April 3, 1915
Breeder and owner:
Canterbury Shakers, East Canterbury, N. H.

37525 **Dictator of Sunnyside**
Sire *Governor of the Marais* (28947)
Dam *Grace of Sunnyside* (45242)
Born—Jan. 3, 1915
Breeder and owner:
Lee S. Clymer, Riegelsville, Pa.

37526 **Imp. Varclin's Own of Hilltop**
Sire On Guernsey *My Own* (R. G. A. S. 3289 P. S.)
Dam *Imp. Varclin Primrose* (61285)
Born—Dec. 29, 1915
Imp. in dam.
Breeder—John N. Dorey, Island of Guernsey.
Owner—George M. Hendee, Suffield, Conn.

37527 **King Yeoman of Rural Glade**
Sire *Colonel Trowbridge* (22244)
Dam *Susie of Rural Glade* (28287)
Born—Dec. 29, 1915
Breeder and owner:
S. W. Townsend, Cochranville, Pa.

37528 **Surprise of Forest Lodge**
Sire *Chieftain of Forest Lodge* (25983)
Dam *Imp. Belva of Sarnia* (50485)
Born—Sept. 6, 1915
Breeder and owner:
Roy C. Buzzell, Stanley, Wis.

37529 **Prince of Loyal**
Sire *Northwest Limited* (20017)
Dam *Jessie Glenwood of Hillsdale* (34567)
Born—March 6, 1915
Breeder and owner:
E. H. Marvin, Loyal, Wis.

37530 **Tony of Watervliet**
Sire *Lizette's Dictator of Bonnie Brae* (19471)
Dam *Mandelena of Riverside* (22740)
Born—Sept. 11, 1915
Breeder and owner:
Frank H. MacGowan, Watervliet, Mich.

37531 **King of Fieldmore**
Sire *Duke of Maple Farm* (21086)
Dam *Imp. Priaulx Daisy of the Nicolles* (40072)
Born—July 5, 1914
Breeder and owner:
E. H. Campbell & Son, Salem, Ohio.

37532 **Alderney's Lady's King of Fieldmore**
Sire *Duke of Maple Farm* (21086)
Dam *Imp. Alderney's Lady of Sunnyside* (43575)
Born—Oct. 31, 1914
Breeder and owner:
E. H. Campbell & Son, Salem, Ohio.

37533 **Alyssum Governor**
Sire *Imp. Roehampton Governor 2d* (29893)
Dam *Darymaid's Alyssum* (44988)
Born—Nov. 11, 1915
Breeder and owner:
W. W. Marsh, Waterloo, Iowa.

37534 **Figtree's Nonpareil**
Sire *Dairymaid's Nonpareil of Iowa* (26763)
Dam *Imp. Figtree II.* (37752)
Born—Dec. 7, 1915
Breeder and owner:
W. W. Marsh, Waterloo, Iowa.

37535 **Jedetta's Oliver**
Sire *Imp. Hayes Oliver* (25149)
Dam *Jedetta of Iowa* (35977)
Born—Dec. 12, 1915
Breeder and owner:
W. W. Marsh, Waterloo, Iowa.

37536 **Jessamine's Boy**
Sire *Imp. Roehampton Croesus 4th* (29895)
Dam *Imp. Jessamine of the Ponchez* (52788)
Born—Dec. 14, 1915
Breeder and owner:
W. W. Marsh, Waterloo, Iowa.

37537 **Oliver of the Prairie**
Sire *Imp. Hayes Oliver* (25149)
Dam *Imp. Hayes Felois 7th* (53140)
Born—Jan. 5, 1916
Breeder and owner:
W. W. Marsh, Waterloo, Iowa.

37538 **Nonpareil's Blossom**
Sire *Dairymaid's Nonpareil of Iowa* (26763)
Dam *Imp. Itchen Pine Blossom* (40312)
Born—Feb. 2, 1916
Breeder and owner:
W. W. Marsh, Waterloo, Iowa.

37539 **Rogue Rex of Base Line**
Sire *The Primrose King* (21639)
Dam *Winona Rose* (49293)
Born—Jan. 21, 1916
Breeder and owner:
Thomas Morgan, Allegan, Mich.

37540 **Bonny Boy of Meadow Brook**
Sire *Lady Vanity's King of Oak Lawn* (23770)
Dam *Lady Arleen of Meadow Brook* (48362)
Born—Sept. 13, 1915
Breeder and owner:
William Bock, Peebles, Wis.

37541 **Woodland Bell's King of the May**
Sire *Kid of Waldwic* (27139)
Dam *Woodland Bell* (54595)
Born—Jan. 17, 1916
Breeder—N. A. Colman, Clearwater Lake, Wis.
Owner—C. Francis Colman, Duluth, Minn.

37542 **Pacemaker**
Sire *Northwest* (14011)
Dam *Wolfram's Margery* (34545)
Born—Aug. 20, 1915
Breeder and owner:
Helendale Farms, Milwaukee, Wis.

37543 **Lucinda's Sequel**
Sire *Ouida's Sequel* (24350)
Dam *Lucinda F.* (20309)
Born—Feb. 9, 1916
Breeder and owner:
Alvin Parish, Whitewater, Wis.

37544 **Glenwood's Pride of Clover Hill**
Sire *Helen's Glenwood* (22657)
Dam *Dolly's Amy* (49169)
Born—Sept. 6, 1915
Breeder and owner:
M. H. Jerdee, Kiesling, Wash.

37545 **Delmar of Bide a Wee**
Sire *Billy Granger* (29843)
Dam *Pam of Woodcrest* (18748)
Born—Dec. 14, 1915
Breeder and owner:
James M. Donald, Trenton Junction, N. J.

37546 **Nina's Jumbo**
Sire *Nelly's Walter Sequel* (26408)
Dam *Imp. Nina II. of Rose Farm* (26094)
Born—Aug. 20, 1915
Breeder and owner:
E. C. Fassett, Waverly, Iowa.

37547 **Sonny of Hearts-Haven**
Sire *Lassie's May King* (33489)
Dam *Strong Boy's Heartshaven Girlie* (57649)
Born—May 9, 1914
Breeder—William H. Gould, Essex, Mass.
Owner—Roy R. Bartlett, South Burlington, Vt.

37548 **Hero of Shady Nook 2d**
Sire *Hero of Shady Nook* (24273)
Dam *Betsey's Lady* (28308)
Born—Sept. 29, 1915
Breeder and owner:
Joseph T. Speer, Garrettsville, Ohio.

37549 **Mignonne's Duke of Liberty Hills**
Sire *Antona's Raider of Waddington* (27107)
Dam *Imp. Mignonne II. of the Corbinez* (35536)
Born—Sept. 23, 1915
Breeder—J. A. Bloch, Short Creek, W. Va.
Owner—H. S. & J. A. Bloch, Short Creek, W. Va.

37550 **Effie's Maxim of Burkeville**
Sire *Imp. Aimable of the Isle* (18373)
Dam *Effie of Oak Ridge* (45107)
Born—Dec. 26, 1915
Breeder—Thomas F. Ryan, Oak Ridge, Va.
Owner—H. S. & J. A. Bloch, Short Creek, W. Va.

37551 **Roxie's Milton**
Sire *Roxie's Glenwood of Brodhead* (25288)
Dam *Imp. Milton Rougette* (35554)
Born—Oct. 30, 1915
Breeder and owner:
Myron H. Tichenor, Oconomowoc, Wis.

37552 **Billy of Barrington 2d**
Sire *Billy of Barrington* (16773)
Dam *Miss Beda Hires* (52217)
Born—Jan. 26, 1916
Breeder and owner:
James W. Beacham, Jr., Westminster, Md.

37553 **Primrose's Raynold**
Sire *Fanny's Raynold* (29238)
Dam *Imp. Primrose II. of La Planque* (36347)
Born—Sept. 18, 1915
Breeder and owner:
Leon J. Delahaut, Green Bay, Wis.

37554 **Hayes Wena 3d's Dandy**
Sire *Fanny's Raynold* (29238)
Dam *Imp. Hayes Wena 3d* (37085)
Born—Sept. 27, 1915
Breeder and owner:
Leon J. Delahaut, Green Bay, Wis.

37555 **Flossie's Red Mike**
Sire *Duchess's Bernardo* (29910)
Dam *Imp. Flossie of Baubigny* (25790)
Born—Jan. 1, 1916
Breeder and owner:
Leon J. Delahaut, Green Bay, Wis.

37556 **Rose Mound Boy**
Sire *Tualatin Count* (14953)
Dam *Yeksa Starlight of Rose Mound* (32890)
Born—July 28, 1915
Breeder and owner:
Ferd Groner, Hillsboro, Oregon.

37557 **Knight of Rose Mound**
Sire *King of Sequoia* (28151)
Dam *Yeksa Forget-me-not* (43447)
Born—Sept. 29, 1915
Breeder and owner:
Ferd Groner, Hillsboro, Oregon.

37558 **King Klukko**
Sire *Alyssum's Duke of Chicona* (30053)
Dam *Yeksa Dewdrop* (28187)
Born—Nov. 6, 1915
Breeder and owner:
Ferd Groner, Hillsboro, Oregon.

37559 **Earl of Rose Mound**
Sire *Alyssum's Duke of Chicona* (30053)
Dam *Yeksa Hope* (49959)
Born—Nov. 28, 1915
Breeder and owner:
Ferd Groner, Hillsboro, Oregon.

37560 **Coptis's Satan**
Sire *Hardwick's Prince Select* (16357)
Dam *Coquette's Coptis* (19865)
Born—March 2, 1914
Breeder and owner:
P. F. Staples, East Holliston, Mass.

37561 **Prize Sam**
Sire *Coptis's Satan* (37560)
Dam *Trout Brook's Prize* (63481)
Born—Nov. 15, 1915
Breeder and owner:
P. F. Staples, East Holliston, Mass.

37562 **Billaurie**
Sire *Auricula's Billy* (28323)
Dam *Laura of Mentor Farm* (39153)
Born—Feb. 18, 1916
Breeder and owner:
A. A. Frauenheim, Sharpsburg, Pa.

37563 **Golden Legacy**
Sire *Langwater Legacy* (31324)
Dam *Minnie Minted Gold* (40720)
Born—Feb. 22, 1916
Breeder and owner:
John S. Ames, North Easton, Mass.

37564 **Ben Edwards**
Sire *Sequel of Walnut Row* (27157)
Dam *Irene of Morningside* (22011)
Born—Nov. 28, 1915
Breeder and owner:
Fred Van Veghten, Columbia Cross Roads, Pa.

37565 **Sir King of Meadowbrook**
Sire *Grenwode Boy* (16188)
Dam *Imp. Jessy Rose of the Poidevins* (28568)
Born—Jan. 18, 1916
Breeder and owner:
W. H. Hovener, Grafton, Wis.

37566 **Prince of Burtness Farm**
Sire *Marie B.'s Son* (36891)
Dam *Queen of Wilmington* (49727)
Born—Oct. 30, 1915
Breeder and owner:
C. S. & Ed. O. Burtness, Caledonia, Minn.

37567 **Gold Heart of Clover Leaf Stock Farm**
Sire *Wyoming's Glenstay* (21136)
Dam *Imp. Bijou of Sea View* (40077)
Born—Sept. 7, 1915
Breeder and owner:
Oliver N. Rose, Greene, Maine.

37568 **Masher's Francesca's Jeff**
Sire *Imp. Lizette's Raymond of the Préel* (16934)
Dam *Masher's Francesca* (38030)
Born—Sept. 30, 1915
Breeder—M. R. Baker, Lisbon, Ohio.
Owner—Ed. Weingart, Salem, Ohio.

37569 **Rudderow's Sequel**
Sire *Sequel's Favorite* (19704)
Dam *Martha Raymond* (50520)
Born—Oct. 2, 1915
Breeder—George M. La Monte, Bound Brook, N. J.
Owner—E. T. Gill, Haddonfield, N. J.

37570 **Marshall's Glenwood Boy of Haddon**
Sire *Glenwood's Masher of Haddon* (15529)
Dam *Daisy of Hollywood* (29828)
Born—Jan. 3, 1916
Breeder—Est. S. H. Gardiner, Ashland, N. J.
Owner—E. T. Gill, Haddonfield, N. J.

37571 **Donald of Rising Sun**
Sire *Irene's Chief of Pomeroy* (18317)
Dam *Craftie of Mixter Farm* (34906)
Born—Nov. 8, 1915
Breeder and owner:
Samuel Hertel, Van Wert, Ohio.

37572 **Russel of Rising Sun**
Sire *Irene's Chief of Pomeroy* (18317)
Dam *Queenie of Mixter Farm* (34908)
Born—Jan. 9, 1916
Breeder and owner:
Samuel Hertel, Van Wert, Ohio.

37573 **Lassie's Gordon**
Sire *Cottie's Royal Laddie* (29024)
Dam *Dick's Lassie* (49619)
Born—Jan. 24, 1916
Breeder and owner:
Samuel Hertel, Van Wert, Ohio.

37574 **Bess's Paul**
Sire *Cottie's Royal Laddie* (29024)
Dam *Craftie's Bess* (51504)
Born—Jan. 25, 1916
Breeder and owner:
Samuel Hertel, Van Wert, Ohio.

37575 **Marshall's Butter Boy**
Sire *Marshall of Waddington* (14320)
Dam *Imp. Butter Boy's Fanny* (42449)
Born—Sept. 13, 1915
Breeder and owner:
J. C. Sonda, West Alexander, Pa.

37576 **Victor T.**
Sire *King's Vanguard* (22719)
Dam *Tiny Taber of Maple Row* (28040)
Born—June 1, 1915
Breeder and owner:
Est. H. E. Taber, Castile, N. Y.

37577 **Darndy Fino**
Sire *Dosky's Magnet* (24458)
Dam *Priscilla of Hillcrest* (24408)
Born—May 8, 1915
Breeder and owner:
W. H. Peck, Kent, Ohio.

37578 **Ali Baba**
Sire *Dosky's Magnet* (24458)
Dam *Alice of Hillcrest* (24407)
Born—Nov. 1, 1915
Breeder and owner:
W. H. Peck, Kent, Ohio.

37579 **Ideale Noble**
Sire *Golden Noble of Pine Grove* (18668)
Dam *Ideale Count* (21936)
Born—Sept. 19, 1915
Breeder—Greer Bros., Newbury, Vt.
Owner—W. S. Webb, Shelburne, Vt.

37580 **Greenwood Joseph**
Sire *Rockingham of Edgemont* (28680)
Dam *Hazel H.* (52751)
Born—Jan. 26, 1916
Breeder and owner:
J. W. Bowman, Rohrsburg, Pa.

37581 **Glenwood King of Grenwode**
Sire *Glenwood's King Coral* (21027)
Dam *Star of Lima* (26144)
Born—April 20, 1914
Breeder and owner:
E. R. Whitcomb, Whitefish Bay, Wis.

37582 **Tidy of the Oaks**
Sire *Imp. Tidy of the Isle* (19694)
Dam *Miss Main Stay of Ingalls Farm* (42685)
Born—Dec. 8, 1915
Breeder and owner:
J. Edwin Jones, Brandon, Wis.

37583 **Burlington's Pioneer**
Sire *King William of Bon Ayre* (27316)
Dam *Daturadale* (51195)
Born—May 30, 1915
Breeder—H. W. Wigman, Lansing, Mich.
Owner—Daniel Ramseyer, Smithville, Ohio.

37584 **Lady's Raymond of Meadow Brook**
Sire *Cherry's Raymond of Lewison 2d* (25104)
Dam *Little Lady of Allegheny Valley* (43429)
Born—Dec. 9, 1915
Breeder and owner:
R. H. Pollock, Jr., Parkers Landing, Pa.

37585 **Harvey Guilbert of Cuyuna**
Sire *Imp. Island Harvester* (16907)
Dam *Imp. Guilbert V. of the Brickfield* (25813)
Born—Sept. 8, 1915
Breeder and owner:
Graves & Murphy, Aitkin, Minn.

37586 **St. Croix's Gambier**
Sire *Imp. Honoria's Sequel III.* (31079)
Dam *Imp. Beatrice of St. Croix* (54104)
Born—Sept. 9, 1915
Breeder and owner:
Lloyd Rundell, Roberts, Wis.

37587 **Madeline's Sequel Monogram**
Sire *Katonah's Monogram* (20535)
Dam *Madeline of Waumesit 2d* (29513)
Born—Sept. 6, 1915
Breeder and owner:
Earl S. Ream, Phoenix, Ariz.

37588 **Hiram von Maple Dale**
Sire *Rita's Billy France* (22273)
Dam *Lady Leone* (20935)
Born—Oct. 15, 1915
Breeder—Ed. Salzman, Kiel, Wis.
Owner—A. A. Salzman, Kiel, Wis.

37589 **Masher's Boy of Utility**
Sire *May Rose's Masher of Utility* (28880)
Dam *Jennie Glen Rose of the Lone Oak* (41827)
Born—Dec. 17, 1915
Breeder and owner:
J. M. Harvey, Waukesha, Wis.

37590 **Sequel Chêne Governor**
Sire *Paddy of Roseheath Orchards* (24665)
Dam *Homestead Emerande* (32298)
Born—Jan. 18, 1916
Breeder—M. J. Shered, Paw Paw, Mich.
Owner—J. M. Harvey, Waukesha, Wis.

37591 **Luecicero's Glenwood Boy**
Sire *Janetius's Luecicero* (24627)
Dam *Eglantine of Sparta* (27864)
Born—Dec. 6, 1915
Breeder and owner:
B. L. Hanchett, Sparta, Wis.

37592 **Carlton Birthday of Maplewood**
Sire *Carlton of Clover Mead* (12675)
Dam *Daisy Birthday Gift* (21215)
Born—Oct. 30, 1913
Breeder and owner:
J. B. McLeran, Duluth, Minn.

37593 **Prince Tops of Gold**
Sire *Caruso of Clovernook* (12824)
Dam *College Gipsy* (28641)
Born—April 30, 1915
Breeder and owner:
New Mexico Agricultural College, State College, New Mexico.

37594 **Paul of Clover Lawn**
Sire *Glendett of Pinehurst 3d* (19208)
Dam *Imp. Brindle of Sarnia* (35608)
Born—April 27, 1915
Twin with bull (Birth Report)
Breeder and owner:
Charles E. Wirt, Lewiston, Minn.

37595 **Sir Waldemere of Poplar Grove**
Sire *Esther's Rival of Poplar Grove* (16136)
Dam *Elizabeth of Waldemere* (26751)
Born—Feb. 3, 1914
Breeder and owner:
J. Stanley Harry, Bel Air, Md.

37596 **Leeman of Hickory Grove**
Sire *Lady's Increase of Breeze Hill* (27735)
Dam *Rosada* (17458)
Born—Oct. 22, 1915
Breeder and owner:
Henry Winke, Portage, Wis.

37597 **New Deal of Old Homestead Farm**
Sire *Ferris Glenwood Boy* (25880)
Dam *Mollie of Hillview* (39809)
Born—Dec. 29, 1915
Breeder and owner:
J. E. Skidmore, Vestaburg, Mich.

37598 **King's Golden Noble**
Sire *Langwater King of France* (16724)
Dam *Noble Lady of Greenway* (42813)
Born—Feb. 4, 1916
Breeder and owner:
G. B. Tallman, West Grove, Pa.

37599 **Emily's King of Maplehurst**
Sire *Charlotte's May King* (25522)
Dam *Emily King* (47938)
Born—Feb. 24, 1916
Breeder and owner:
G. B. Tallman, West Grove, Pa.

37600 **Middledale Woodrow**
Sire *Langwater Emigrant* (14076)
Dam *Gertrude Van* (25494)
Born—Oct. 7, 1915
Breeder—Follett & Brindley, Creswell, Oregon.
Owner—Calkins & Riggs, Creswell, Oregon.

62961 **Mixter Moonbeam**
Sire *Langwater Demonstrator* (16451)
Dam *Thirty Thousand Six Hundred Seventy One* (30671)
Born—June 23, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62962 **Yeoman's Mixter Sunshine**
Sire *Yeoman's King of the May* (17053)
Dam *Thirty Thousand Six Hundred Sixty* (30660)
Born—June 29, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62963 **Mixter Lady Anne**
Sire *Langwater Demonstrator* (16451)
Dam *Lady Anne of Hardwick* (26492)
Born—July 4, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62964 **Mixter Demonstrator's Dayspring**
Sire *Mixter Demonstrator* (27481)
Dam *Mixter Dayspring* (53025)
Born—July 28, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62965 **Yeoman's Mixter Picotty**
Sire *Yeoman's King of the May* (17053)
Dam *Picotty* (26407)
Born—July 28, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62966 **Mixter Queen of Hardwick**
Sire *Langwater Demonstrator* (16451)
Dam *Hardwick's Long Queen 2d* (20011)
Born—Aug. 16, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62967 **Yeoman's Mixter Glamour**
Sire *Yeoman's King of the May* (17053)
Dam *Glamour* (20921)
Born—Aug. 21, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62968 **Yeoman's Mixter Dora**
Sire *Yeoman's King of the May* (17053)
Dam *Falmouth Dora* (19841)
Born—Aug. 25, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62969 **Yeoman's Mixter Gelenina**
Sire *Yeoman's King of the May* (17053)
Dam *Gelenina* (18252)
Born—Aug. 25, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62970 **Mixter Glen Emily**
Sire *Equality of the Glen* (13688)
Dam *Norfolk Fay of Mixter Farm* (47066)
Born—Aug. 30, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62971 **Mixter Margaret of Hardwick**
Sire *Langwater Demonstrator* (16451)
Dam *Mixter Margaret* (48403)
Born—Aug. 30, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62972 **Mixter Lady Laretta**
Sire *Langwater Demonstrator* (16451)
Dam *Lady Laretta* (26419)
Born—Sept. 1, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62973 **Mixter Demonstrator's Oakleaf**
Sire *Mixter Demonstrator* (27481)
Dam *Mixter Oakleaf* (48419)
Born—Sept. 2, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62974 **Yeoman's Mixter Mary Ann**
Sire *Yeoman's King of the May* (17053)
Dam *Mary Ann of Mixter Farm* (46983)
Born—Sept. 11, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62975 **Mixter Dale**
Sire *Langwater Demonstrator* (16451)
Dam *Thirty Thousand Six Hundred Eighty Eight* (30688)
Born—Sept. 26, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62976 **Mixter Nan Dean**
Sire *Dean of the May* (21815)
Dam *Mixter Nan* (48406)
Born—Sept. 29, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62977 **Yeoman's Mixter Crystal**
Sire *Yeoman's King of the May* (17053)
Dam *Glassie* (20659)
Born—Oct. 2, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62978 **Mixter Bettie**
Sire *Langwater Demonstrator* (16451)
Dam *Bettie of Mixter Farm* (38525)
Born—Oct. 5, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62979 **Yeoman's Mixter Bluebird**
Sire *Yeoman's King of the May* (17053)
Dam *Thirty Thousand Eight Hundred Twenty Four* (30824)
Born—Oct. 11, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62980 **Yeoman's Mixter Laramie**
Sire *Yeoman's King of the May* (17053)
Dam *Laramie of Mixter Farm* (38840)
Born—Oct. 27, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62981 **Mixter Glen Rose**
Sire *Equality of the Glen* (13688)
Dam *Chief's Gipsy* (48386)
Born—Nov. 1, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62982 **Yeoman's Mixter Germania**
Sire *Yeoman's King of the May* (17053)
Dam *Mixter Germania* (48392)
Born—Dec. 1, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62983 **Mixter Gordon Dean**
Sire *Dean of the May* (21815)
Dam *William's Georgianette* (48412)
Born—Dec. 15, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62984 **Mixter Nedelka Dean**
Sire *Dean of the May* (21815)
Dam *Nedelka* (54262)
Born—Dec. 27, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

62985 **Amy of Lysander Lady**
Sire *Lysander Combination* (19015)
Dam *Lysander Lady* (41098)
Born—Oct. 7, 1915
Breeder—Van Doren Bros., Lysander, N. Y.
Owner—S. Edwin Banks, Ithaca, N. Y.

62986 **Glenwood Girl's Daisy**
Sire *Ruth's Raymond* (31571)
Dam *Elvira's Glenwood Girl of Cloverleaf* (24863)
Born—Nov. 29, 1915
Breeder and owner:
E. C. Durkee, Stockbridge, Vt.

62987 **Starlight of Stockbridge 3d**
Sire *Ruth's Raymond* (31571)
Dam *Starlight of Stockbridge* (34731)
Born—Dec. 2, 1915
Breeder and owner:
E. C. Durkee, Stockbridge, Vt.

62988 **Lilly of Beach Farm**
Sire *Combination of Sarnia* (22074)
Dam *Blanche of Baugo* (41236)
Born—Oct. 29, 1913
Breeder—Harley Holben, Osceola, Ind.
Owner—Campbell & Angevine, Coldwater, Mich.

62989 **Imp. Bettie of Beach Farm**
Sire On Guernsey *Raymond of the Rocque à Boeuf* (R. G. A. S. 2968 P. S.)
Dam *Imp. Ballad of Sarnia* (46558)
Born—Jan. 20, 1914
Imp. in dam.
Breeder—George A. Mauger, Island of Guernsey.
Owner—Campbell & Angevine, Coldwater, Mich.

62990 **Flora of Beach Farm**
Sire *Combination of Sarnia* (22074)
Dam *Fern Guernsey* (24839)
Born—Jan. 25, 1914
Breeder—Myron Bemiller, Elkhart, Ind.
Owner—Campbell & Angevine, Coldwater, Mich.

62991 **Richissime of Butternut Brook**
Sire *Caesar of Falcon's Flight* (22019)
Dam *Imp. Richesse IX. of the Duvaux* (39925)
Born—Nov. 4, 1915
Breeder and owner:
John Dove, Litchfield, Conn.

62992 **Cottie's King's Beautiful Alice**
Sire *Cottie's King of Pleasant View* (25053)
Dam *King of the May's Alice* (50546)
Born—Dec. 5, 1915
Breeder—C. D. Schlabach, Fredericksburg, Ohio.
Owner—C. A. Gearhart, Bucyrus, Ohio.

62993 **Mignon of Gayoso Farm**
Sire *Pungyoh of Wiscinda* (25281)
Dam *Molly of Oakwood* (43031)
Born—Sept. 19, 1915
Breeder and owner:
Gayoso Farm, Horn Lake, Miss.

62994 **Esther's Queen of Broad Ripple**
Sire *Lord Waukesha* (10148)
Dam *Pearly of Spring City* (38815)
Born—Dec. 23, 1915
Breeder—William M. Jones, Waukesha, Wis.
Owner—George W. Browne, Waukesha, Wis.

62995 **Nancy's Morning Star**
Sire *Nancy's King of the May* (36557)
Dam *Bright Eyes of Sunny Side* (50068)
Born—July 5, 1915
Breeder—Browne & McMillan, Waukesha, Wis.
Owner—George W. Browne, Waukesha, Wis.

62996 **Pride of Windside**
Sire *Langwater Pencoyd* (21830)
Dam *Golden Préel of Pencoyd 2d* (36495)
Born—Feb. 25, 1915
Breeder and owner:
C. E. Holloway, Norristown, Pa.

62997 **King of the May's Milkmaid**
Sire *Irene's King of the May* (18816)
Dam *France's Perfection* (42266)
Born—Dec. 5, 1915
Breeder and owner:
Miss Maud W. Murphy, Wawa, Pa.

62998 **Tricksey's Bottie**
Sire *Brookside's Masher* (25088)
Dam *Prince Rosendale's Tricksey* (20146)
Born—March 18, 1913
Breeder and owner:
Joseph Orlando, Manlius, N. Y.

62999 **Tricksey's Josephine**
Sire *King Masher 4th* (17755)
Dam *Prince Rosendale's Tricksey* (20146)
Born—March 24, 1914
Breeder and owner:
Joseph Orlando, Manlius, N. Y.

63000 **Audrey Jones**
Sire *Argene of Wola* (26147)
Dam *Ella Jones* (54908)
Born—July 22, 1915
Breeder and owner:
Mrs. Ella W. Cameron, North East, Md.

63001 **Loa's Pansy of Amy**
Sire *Loa* (22162)
Dam *Squire's Robin* (20441)
Born—Aug. 13, 1915
Breeder and owner:
O. T. Remington, Elk Mound, Wis.

63002 **Princeling's May of Amy**
Sire *Princeling of Amey* (24033)
Dam *May Frain* (41059)
Born—Sept. 26, 1915
Breeder and owner:
O. T. Remington, Elk Mound, Wis.

63003 **Marquette's Clover of Amy**
Sire *Marquette* (16510)
Dam *Amoy* (38340)
Born—Oct. 20, 1915
Breeder and owner:
O. T. Remington, Elk Mound, Wis.

63004 **Marquette's Lanas of Amy**
Sire *Marquette* (16510)
Dam *Lanas* (38341)
Born—Oct. 26, 1915
Breeder and owner:
O. T. Remington, Elk Mound, Wis.

63005 **Lil's Princess of Amy**
Sire *Princeling of Amey* (24033)
Dam *Lil* (20442)
Born—Oct. 27, 1915
Breeder and owner:
O. T. Remington, Elk Mound, Wis.

63006 **Robine of Amy**
Sire *Princeling of Amey* (24033)
Dam *Robine* (22299)
Born—Nov. 27, 1915
Breeder and owner:
O. T. Remington, Elk Mound, Wis.

63007 **January's Joyce of Amy**
Sire *January of Birchwood* (21853)
Dam *Hela's Lady* (44926)
Born—Jan. 3, 1916
Breeder and owner:
O. T. Remington, Elk Mound, Wis.

63008 **January's Daisy of Amy**
Sire *January of Birchwood* (21853)
Dam *Dido's Daisy* (20440)
Born—Jan. 15, 1916
Breeder and owner:
O. T. Remington, Elk Mound, Wis.

63009 **January's Viene of Amy**
Sire *January of Birchwood* (21853)
Dam *Squire's Viene* (31324)
Born—Jan. 20, 1916
Breeder and owner:
O. T. Remington, Elk Mound, Wis.

63010 **Docie's Florence of Amy**
Sire *January of Birchwood* (21853)
Dam *Docie* (44653)
Born—Jan. 29, 1916
Breeder and owner:
O. T. Remington, Elk Mound, Wis.

63011 **Roberts' Rosebud of Dellwood**
Sire *Imp. Dellwood Roberts' Boy* (21666)
Dam *Rival's May Rose of Dellwood* (48973)
Born—Oct. 3, 1915
Breeder and owner:
John Henry Hammond, Mount Kisco, N. Y.

63012 **Hilda of Kaolin**
Sire *Imp. Golden Raymond* (18992)
Dam *Hilda of Riverside* (35272)
Born—Aug. 3, 1915
Breeder and owner:
Kaolin Farm Co., Merrimack, N. H.

63013 **Maid of Wyoming Valley**
Sire *Copperbottom's Billy* (21405)
Dam *Lily Milk Maid* (62141)
Born—Aug. 2, 1915
Breeder and owner:
Harry Leaton, Wyoming, N. Y.

63014 **Wyebrook's Favorite**
Sire *Imp. Goldseeker of Anna Dean Farm* (26106)
Dam *Stella's Favorite 2d* (29167)
Born—Dec. 25, 1915
Breeder—O. C. Barber, Akron, Ohio.
Owner—C. L. A. Whitney, Albany, N. Y.

63015 **Lisbeth of Ridgelands**
Sire *Golden Secret of Pencoyd* (23462)
Dam *Lisbeth of Tarbell Farms* (50182)
Born—Dec. 3, 1915
Breeder—Gage E. Tarbell, Smithville Flats, N. Y.
Owner—Howard D. Newton, Norwich, N. Y.

63016 **Itchen King's Gypsy Girl**
Sire *King's Itchen King* (24661)
Dam *Topsy's Gypsy Girl* (50640)
Born—Aug. 23, 1915
Breeder and owner:
John S. Riehl, Leetonia, Ohio.

63017 **Itchen King's Hepsey Burke**
Sire *King's Itchen King* (24661)
Dam *Deputy's Lady of Crystal Spring* (28831)
Born—Sept. 10, 1915
Breeder and owner:
John S. Riehl, Leetonia, Ohio.

63018 **Itchen King's Golden Rose**
Sire *King's Itchen King* (24661)
Dam *Sequel's May Rose* (44659)
Born—Sept. 18, 1915
Breeder and owner:
John S. Riehl, Leetonia, Ohio.

63019 **Rowena's Betsey**
Sire *Royal Orange Bud* (22570)
Dam *Rowena D.* (39490)
Born—Oct. 28, 1915
Breeder and owner:
A. Marckel, Perham, Minn.

63020 **Rexine**
Sire *Royal Orange Bud* (22570)
Dam *Giddy Gipsy* (42880)
Born—Dec. 10, 1915
Breeder and owner:
A. Marckel, Perham, Minn.

63021 **Pergue's Minda Girl**
Sire *Glenwood's Combination 5th* (11354)
Dam *Minda of Woodend* (19185)
Born—Jan. 23, 1913
Breeder—R. G. Morey, Waukesha, Wis.
Owner—Sass Bros., Streator, Ill.

63022 **Etoile d'Or 2d**
Sire *Prince Alphonso of Oak Brook* (19098)
Dam *Imp. Etoile d'Or* (20973)
Born—Sept. 16, 1913
Breeder and owner:
Natoma Farm, Hinsdale, Ill.

63023 **Natoma's Portia 2d**
Sire *Natoma Abyssinia's Conqueror* (24876)
Dam *Natoma's Portia* (44529)
Born—Oct. 9, 1913
Breeder and owner:
Natoma Farm, Hinsdale, Ill.

63024 **Natoma Chanta 2d**
Sire *Natoma Abyssinia's Conqueror* (24876)
Dam *Natoma Chanta* (48314)
Born—Nov. 13, 1913
Breeder and owner:
Natoma Farm, Hinsdale, Ill.

63025 **Pacific's Lucy**
Sire *Pacific's Glenwood* (27077)
Dam *Imp. Carena of Sarnia* (51341)
Born—Aug. 14, 1915
Breeder and owner:
C. S. Rasmussen, Loleta, Cal.

63026 **Bonfire of Warriston**
Sire *Imp. Ribert's Golden Noble* (16143)
Dam *Bonfire's Flower 6th* (24463)
Born—Sept. 7, 1915
Breeder—Est. C. Morton Smith, Fort Washington, Pa.
Owner—C. Jared Ingersoll, Fort Washington, Pa.

63027 **Warriston's Rose**
Sire *Imp. Ribert's Golden Noble* (16143)
Dam *Nelly Rozetta* (39107)
Born—Oct. 27, 1915
Breeder—Est. C. Morton Smith, Fort Washington, Pa.
Owner—C. Jared Ingersoll, Fort Washington, Pa.

63028 **Juneau of Warriston**
Sire *Imp. Ribert's Golden Noble* (16143)
Dam *Hildesheim* (14833)
Born—Nov. 22, 1915
Breeder—Est. C. Morton Smith, Fort Washington, Pa.
Owner—C. Jared Ingersoll, Fort Washington, Pa.

63029 **Margaret of Appletree Point**
Sire *Langwater Peerless* (19227)
Dam *Maude Adams of Folly Land* (37230)
Born—Aug. 25, 1913
Breeder—I. C. Blandy, Greenwich, N. Y.
Owner—Edwin F. Nash, Burlington, Vt.

63030 **Trenton Maid**
Sire *Polly's Malcolm* (25603)
Dam *Mabel of Ravensthorp* (40127)
Born—April 9, 1915
Breeder—Joseph G. Thorp, South West Harbor, Maine.
Owner—B. C. Graves, Northeast Harbor, Maine.

63031 **Philma**
Sire *Peggy's Glenwood* (23977)
Dam *Amala* (47247)
Born—Aug. 20, 1915
Breeder and owner:
Alfred Hilton, Saint Albans, Maine.

63032 **Miss Georgia of Mountorne**
Sire *Grasslands Roll of Honor* (18200)
Dam *Forget-me-not's Gwynne* (43030)
Born—Aug. 7, 1915
Breeder and owner:
C. M. Rich, Lancaster, N. H.

63033 **Miss Gladys of Mountorne**
Sire *Grasslands Roll of Honor* (18200)
Dam *Giraldine's Fritters* (31896)
Born—Sept. 1, 1915
Breeder and owner:
C. M. Rich, Lancaster, N. H.

63034 **Miss Gertrude of Mountorne**
Sire *Grasslands Roll of Honor* (18200)
Dam *Hampshire's Honey* (31897)
Born—Oct. 10, 1915
Breeder and owner:
C. M. Rich, Lancaster, N. H.

63035 **Broadfield Peeress**
Sire *Magnolia 2d's Prince of Clover Leaf* (19002)
Dam *Peerless Hope of Broadfield* (46615)
Born—Oct. 11, 1915
Breeder and owner:
Allen F. Hand, Greenwich, N. Y.

63036 **Little Dot**
Sire *Major of Shady Side* (26015)
Dam *Dotty Darling* (52916)
Born—May 16, 1915
Breeder and owner:
R. E. Miller, Carrollton, Ohio.

63037 **Bonita's Secret**
Sire *Fillmore's Golden Secret* (28009)
Dam *Bonita of Edgewater* (47556)
Born—Feb. 4, 1916
Breeder and owner:
Charles H. Jones, Wellesley Farms, Mass.

63038 **Lord Yeksa's Kate's Beauty**
Sire *Douglas of Sunny Valley* (21421)
Dam *Lord Yeksa's Kate* (21458)
Born—Nov. 6, 1915
Breeder and owner:
William M. Jones, Waukesha, Wis.

63039 **Princess of Burkeville**
Sire *Prince of Waverly* (28839)
Dam *Zampa of Bradhurst* (32960)
Born—Sept. 17, 1915
Breeder and owner:
H. E. Boswell, Burkeville, Va.

63040 **Valentina of Burkeville**
Sire *Infrangible of Oak Ridge* (29037)
Dam *Valentina* (26346)
Born—Dec. 20, 1915
Breeder and owner:
H. E. Boswell, Burkeville, Va.

63041 **Oaklawn Jessie's Mattie**
Sire *Imp. Sir Henry Hubert* (19960)
Dam *Oaklawn Jessie* (36136)
Born—Aug. 13, 1915
Breeder and owner:
G. H. Lammers, Le Sueur, Minn.

63042 **Izzie**
Sire *Imp. Sir Henry Hubert* (19960)
Dam *Oaklawn's Beauty* (42614)
Born—Aug. 27, 1915
Breeder and owner:
G. H. Lammers, Le Sueur, Minn.

63043 **Prince's Oaklawn Bell 2d**
Sire *Imp. Sir Henry Hubert* (19960)
Dam *Prince's Oaklawn Bell* (36135)
Born—Sept. 3, 1915
Breeder and owner:
G. H. Lammers, Le Sueur, Minn.

63044 **Agnes of Fairy Falls**
Sire *Glenwood of Maple Grove* (24829)
Dam *Fern of Fairy Falls* (27057)
Born—Sept. 10, 1915
Breeder and owner:
John P. Nelson, Stillwater, Minn.

63045 **Dorothy of Fairy Falls**
Sire *Glenwood of Maple Grove* (24829)
Dam *Fern Florence of Fairy Falls* (48940)
Born—Nov. 8, 1915
Breeder and owner:
John P. Nelson, Stillwater, Minn.

63046 **Pauline of Fairy Falls**
Sire *Glenwood of Maple Grove* (24829)
Dam *Fantine's Gretchen of Fairy Falls* (39294)
Born—Nov. 20, 1915
Breeder and owner:
John P. Nelson, Stillwater, Minn.

63047 **Isabelle of Cold Brook Farm**
Sire *College Heirloom* (21171)
Dam *Rose of Maple Avenue 2d* (38007)
Born—Aug. 20, 1915
Breeder and owner:
Charles H. Berry, Monmouth, Maine.

63048 **Bo Peep of Little Platt**
Sire *Glenwood Boy of Livingston* (20070)
Dam *Sally Stranford* (61426)
Born—Sept. 28, 1915
Breeder and owner:
J. N. McLeod, Platteville, Wis.

63049 **Jonquil's Mignonette**
Sire *Golden Secret of Greenwood* (25955)
Dam *Jonquil of Greenwood* (39025)
Born—Nov. 4, 1915
Breeder and owner:
O. H. Payne, Thomasville, Ga.

63050 **Fair Lassie's Marguerite**
Sire *Golden Secret of Greenwood* (25955)
Dam *Fair Lassie of Haddon* (15521)
Born—Nov. 25, 1915
Breeder and owner:
O. H. Payne, Thomasville, Ga.

63051 **Lulu May of Valley Inn Farm**
Sire *Stranford of Maple Glen 2d* (26108)
Dam *Ethel Dewdrop* (39817)
Born—Jan. 23, 1914
Breeder and owner:
J. D. Gibson, Monongahela, Pa.

63052 **Marie of Valley Inn Farm**
Sire *Stranford of Maple Glen 2d* (26108)
Dam *Pride of Valley Inn Farm* (62928)
Born—Feb. 27, 1914
Breeder and owner:
J. D. Gibson, Monongahela, Pa.

63053 **Wanetta of Valley Inn Farm**
Sire *Stranford of Maple Glen 2d* (26108)
Dam *Pearl of Valley Inn Farm* (62930)
Born—May 18, 1914
Breeder and owner:
J. D. Gibson, Monongahela, Pa.

63054 **Miss Rose Merton**
Sire *Merton Boy* (20471)
Dam *Imp. Rose III. of the Courtil Blicq* (23240)
Born—Jan. 4, 1916
Breeder and owner:
Bascom Parker, Niles, Mich.

63055 **Ellalee's Alta of Waukesha**
Sire *King Talladeen of Chestnut Hill* (13460)
Dam *Ellalee of Waukesha* (43774)
Born—Nov. 19, 1915
Twin with cow No. 63056.
Breeder and owner:
A. W. & F. E. Fox, Waukesha, Wis.

63056 **Ellalee's Elda of Waukesha**
Sire *King Talladeen of Chestnut Hill* (13460)
Dam *Ellalee of Waukesha* (43774)
Born—Nov. 19, 1915
Twin with cow No. 63055.
Breeder and owner:
A. W. & F. E. Fox, Waukesha, Wis.

63057 **Christabel's Rose of Waukesha**
Sire *King Talladeen of Chestnut Hill* (13460)
Dam *Christabel's Fraulein* (43529)
Born—Dec. 25, 1915
Breeder and owner:
A. W. & F. E. Fox, Waukesha, Wis.

63058 **Purity Dewdrop of Waukesha**
Sire *Raymond's Billy of the Hougue* (21752)
Dam *Princess Dewdrop* (48912)
Born—Dec. 25, 1915
Breeder and owner:
A. W. & F. E. Fox, Waukesha, Wis.

63059 **Coral's Countess of Waukesha**
Sire *Stranford's Glenwood of Pinehurst 3d* (16202)
Dam *Coral of Waukesha* (43775)
Born—Jan. 9, 1916
Breeder and owner:
A. W. & F. E. Fox, Waukesha, Wis.

63060 **Bridget's Jewel of Waukesha**
Sire *Stranford's Glenwood of Pinehurst 3d* (16202)
Dam *Bridget's Sequel* (29798)
Born—Jan. 18, 1916
Breeder and owner:
A. W. & F. E. Fox, Waukesha, Wis.

63061 **Dora of Brookside**
Sire *Felix of Caslon* (30199)
Dam *Dorothy of Guernsey and Mule Farm* (36614)
Born—Oct. 8, 1915
Breeder and owner:
J. B. Edsall, Pine City, N. Y.

63062 **Bovina of Brookside**
Sire *Felix of Caslon* (30199)
Dam *Buttercup of Guernsey Farm* (41697)
Born—Nov. 2, 1915
Breeder and owner:
J. B. Edsall, Pine City, N. Y.

63063 **Luella May of Mapledell**
Sire *Dairymaid's Pride of Mapledell* (24424)
Dam *Glenwood's Princess of Mapledell* (58536)
Born—Sept. 2, 1915
Breeder and owner:
C. L. Kerr & Son, Manilla, Iowa.

63064 **Lady Jennie of Mapledell**
Sire *Dairymaid's Pride of Mapledell* (24424)
Dam *Lady Jane Grey of Haddon* (27378)
Born—Sept. 4, 1915
Breeder and owner:
C. L. Kerr & Son, Manilla, Iowa.

63065 **Arnon of Mapledell**
Sire *Dairymaid's Pride of Mapledell* (24424)
Dam *Lalla Talladeen of Mapledell* (35844)
Born—Sept. 5, 1915
Breeder and owner:
C. L. Kerr & Son, Manilla, Iowa.

63066 **Jeanette of Mapledell**
Sire *Dairymaid's Pride of Mapledell* (24424)
Dam *Lady Jane of Mapledell* (51060)
Born—Sept. 7, 1915
Breeder and owner:
C. L. Kerr & Son, Manilla, Iowa.

63067 **Lorinda Nerio**
Sire *Juanita's Pride* (30062)
Dam *Margarette Nerio* (52257)
Born—Oct. 22, 1915
Breeder and owner:
Thomas Cuff, Jackson, Mich.

63068 **Allie Belle of Woodcrest**
Sire *Juanita's Pride* (30062)
Dam *Juanita of Woodcrest* (41946)
Born—Nov. 18, 1915
Breeder and owner:
Thomas Cuff, Jackson, Mich.

63069 **Elizabeth of Woodcrest**
Sire *Juanita's Pride* (30062)
Dam *Momo of Woodcrest* (18742)
Born—Nov. 23, 1915
Breeder and owner:
Thomas Cuff, Jackson, Mich.

63070 **Frosty of Pine Ridge**
Sire *Jean Du Luth Dairyman* (30152)
Dam *Dolsey's Lassie* (12660)
Born—Aug. 30, 1915
Breeder and owner:
Chris Skaar, Hayward, Minn.

63071 **Primo of Pine Ridge**
Sire *Jean Du Luth Dairyman* (30152)
Dam *Lady Primrose of Denmark* (42125)
Born—Oct. 27, 1915
Breeder and owner:
Chris Skaar, Hayward, Minn.

63072 **Grace of Pine Ridge**
Sire *Jean Du Luth Dairyman* (30152)
Dam *Alpha of Pine Ridge* (46753)
Born—Nov. 21, 1915
Breeder and owner:
Chris Skaar, Hayward, Minn.

63073 **Lessing of Pine Ridge**
Sire *Jean Du Luth Dairyman* (30152)
Dam *Lassie's Baby* (13301)
Born—Dec. 10, 1915
Breeder and owner:
Chris Skaar, Hayward, Minn.

63074 **Moorland's Pearl Rose**
Sire *Langwater Sailor* (20610)
Dam *Pearl of Hildesheim* (22642)
Born—Jan. 18, 1914
Breeder and owner:
E. A. Moore, New Britain, Conn.

63075 **Branford's Muse Girl**
Sire *Rockingham's Lad of Branford* (25762)
Dam *May Rose Muse* (39852)
Born—Sept. 10, 1915
Breeder and owner:
Morton F. Plant, Groton, Conn.

63076 **Branford's May Queen**
Sire *Rockingham's Lad of Branford* (25762)
Dam *Imp. May Queen of the Merriennes* (36306)
Born—Sept. 12, 1915
Breeder and owner:
Morton F. Plant, Groton, Conn.

63077 **Hertford's Branford Lady**
Sire *Rockingham's Lad of Branford* (25762)
Dam *Imp. Hertford Lady* (37081)
Born—Oct. 9, 1915
Breeder and owner:
Morton F. Plant, Groton, Conn.

63078 **Rockingham's Branford Strawberry**
Sire *Rockingham* (18120)
Dam *Imp. Raymond VI.'s Strawberry* (31665)
Born—Oct. 17, 1915
Breeder and owner:
Morton F. Plant, Groton, Conn.

63079 **Violet's Branford Bel**
Sire *Rockingham's Lad of Branford* (25762)
Dam *Imp. Violet du Grand Bel* (38865)
Born—Oct. 22, 1915
Breeder and owner:
Morton F. Plant, Groton, Conn.

63080 **Blanche Rilma**
Sire *Frank Rilma* (21901)
Dam *Penwyn's Blanche* (16374)
Born—Aug. 24, 1915
Breeder and owner:
Allie S. Knudson, Brodhead, Wis.

63081 **Glenwood's Polly Archer**
Sire *Glenwood's Main Stay of Kelvin Grove* (27331)
Dam *Little Polly Archer* (44007)
Born—Jan. 20, 1916
Breeder and owner:
Helmuth & Raber, Millersburg, Ohio.

63082 **Rose of Maple Avenue 5th**
Sire *Manomet May King* (27062)
Dam *Rose of Maple Avenue* (30958)
Born—Aug. 29, 1915
Breeder and owner:
L. S. Goding, Monmouth, Maine.

63083 **Fancy Anchor of Mapleside**
Sire *Royal Anchor* (20874)
Dam *Julia Anchor of Mapleside* (50859)
Born—Aug. 29, 1915
Breeder and owner:
Eugene H. Clark, Westmoreland, N. Y.

63084 **Winona Anchor of Mapleside**
Sire *Royal Anchor* (20874)
Dam *Una's Winnie of Hampton* (24719)
Born—Sept. 7, 1915
Breeder and owner:
Eugene H. Clark, Westmoreland, N. Y.

63085 **Diana Anchor of Mapleside**
Sire *Royal Anchor* (20874)
Dam *Una's Diadama of Hampton* (42662)
Born—Nov. 15, 1915
Breeder and owner:
Eugene H. Clark, Westmoreland, N. Y.

63086 **Fanny Simple**
Sire *Allstar* (25956)
Dam *Dolly Simple* (50224)
Born—Oct. 18, 1915
Breeder and owner:
Walter D. Anstey, Hartland, Wis.

63087 **Jenny Lind Alta**
Sire *Mr. Bull of Hartland* (20084)
Dam *Emma Alta* (37120)
Born—Jan. 4, 1916
Breeder and owner:
Walter D. Anstey, Hartland, Wis.

63088 **Cora's Rose**
Sire *Solitaire's Sampson* (17027)
Dam *Woodlawn's Cora* (28860)
Born—Aug. 24, 1915
Breeder and owner:
George F. Shook, Spring Mills, Pa.

63089 **Mabel's Pet**
Sire *Langwater Royal 5th* (19332)
Dam *Woodlawn's Mabel* (28847)
Born—Nov. 14, 1915
Breeder and owner:
George F. Shook, Spring Mills, Pa.

63090 **Cora 2d's Lulu**
Sire *Langwater Royal 5th* (19332)
Dam *Woodlawn's Cora 2d* (40426)
Born—Dec. 14, 1915
Breeder and owner:
George F. Shook, Spring Mills, Pa.

63091 **Myrtle Bess**
Sire *May King of Bedminster* (34407)
Dam *Nina of Somerset* (52383)
Born—Sept. 24, 1915
Breeder—Joseph Larocque, Far Hills, N. J.
Owner—Harry R. Barry, Far Hills, N. J.

63092 **Pearl of Pleasant Home Farm**
Sire *Miss Goldenrod's Pat* (32855)
Dam *Miss Anetta M.* (17096)
Born—Feb. 13, 1916
Breeder and owner:
John Bast, Malone, Wis.

63093 **Lady Justinée**
Sire *Eddie Stranford* (26036)
Dam *Sequel's Justinée* (44016)
Born—Aug. 18, 1915
Breeder and owner:
H. I. Gibson, Eau Claire, Wis.

63094 **Fanny of Springside**
Sire *Golden May King of Springside* (27833)
Dam *Dolly May of Springside* (51440)
Born—Aug. 24, 1915
Breeder and owner:
Harry B. Shenk, Manheim, Pa.

63095 **Dew Drop of Springside**
Sire *Golden May King of Springside* (27833)
Dam *Manoa's Dew Drop* (42035)
Born—Sept. 19, 1915
Breeder and owner:
Harry B. Shenk, Manheim, Pa.

63096 **Fleurietta La Chêne of Summit Dale**
Sire *Imp. Governor of Milton* (30807)
Dam *Imp. Fleurie V. of the Gelé* (53811)
Born—Sept. 5, 1915
Breeder and owner:
A. C. Baker, Alfred Station, N. Y.

63097 **Naundas Collette of Summit Dale**
Sire *Imp. Governor of Milton* (30807)
Dam *Alvina De Ferenzy Royal of Summit Dale* (43814)
Born—Sept. 18, 1915
Breeder and owner:
A. C. Baker, Alfred Station, N. Y.

63098 **Golden Rose of Cosquay**
Sire *Maidstone* (20428)
Dam *Golden Wissy of Pencoyd* (32799)
Born—June 8, 1913
Breeder and owner:
E. J. Adkins, Hebron, Md.

63099 **Creusa's Lady May**
Sire *Creusa's Prince* (34462)
Dam *Creusa 2d* (57429)
Born—April 17, 1910
Breeder and owner:
S. C. Hall, Kennebunk, Maine.

63100 **Creusa's Lady Hudson**
Sire *Creusa's Prince* (34462)
Dam *Creusa 2d* (57429)
Born—March 11, 1911
Breeder and owner:
S. C. Hall, Kennebunk, Maine.

63101 **Prince's Creusa**
Sire *Creusa's Prince* (34462)
Dam *Creusa's Lady May* (63099)
Born—March 2, 1912
Breeder and owner:
S. C. Hall, Kennebunk, Maine.

63102 **Creusa's Lady May 2d**
Sire *Lady's Anchor* (21956)
Dam *Creusa's Lady May* (63099)
Born—Dec. 3, 1913
Breeder and owner:
S. C. Hall, Kennebunk, Maine.

63103 **Lady's Anchor's Creusa**
Sire *Lady's Anchor* (21956)
Dam *Prince's Creusa* (63101)
Born—Feb. 25, 1914
Breeder and owner:
S. C. Hall, Kennebunk, Maine.

63104 **Creusa's Lady Hudson 2d**
Sire *Lady's Anchor* (21956)
Dam *Creusa's Lady Hudson* (63100)
Born—Sept. 5, 1915
Breeder and owner:
S. C. Hall, Kennebunk, Maine.

63105 **Creusa's Prize 2d**
Sire *Lady's Anchor* (21956)
Dam *Creusa's Prize* (60571)
Born—Oct. 11, 1915
Breeder and owner:
S. C. Hall, Kennebunk, Maine.

63106 **Dolly of Sunnybrook**
Sire *Panama's Pride* (21997)
Dam *Imp. Ruby of Huriaux Farm* (39447)
Born—March 28, 1915
Breeder and owner:
Fred J. Wagner, Smithtown, N. Y.

63107 **Rebecca of Sunnybrook**
Sire *Panama's Pride* (21997)
Dam *Cecelia of Sunnybrook* (57892)
Born—July 17, 1915
Breeder and owner:
Fred J. Wagner, Smithtown, N. Y.

63108 **Lady Lucille**
Sire *Panama's Pride* (21997)
Dam *Imp. Raymond IV.'s Cheminante* (31658)
Born—Oct. 5, 1915
Breeder and owner:
Fred J. Wagner, Smithtown, N. Y.

63109 **Buttercup of Sunnybrook**
Sire *Panama's Pride* (21997)
Dam *Betsy Ann of Sunnybrook* (59930)
Born—Oct. 26, 1915
Breeder and owner:
Fred J. Wagner, Smithtown, N. Y.

63110 **Jenny Lind of Sunnybrook**
Sire *Panama's Pride* (21997)
Dam *Imp. France's Daisy of Lewison* (26776)
Born—Oct. 31, 1915
Breeder and owner:
Fred J. Wagner, Smithtown, N. Y.

63111 **Flintstone Sweet Melrose**
Sire *Katonah's Bachelor* (20806)
Dam *Imp. Sweet Melrose des Simons* (36360)
Born—May 2, 1914
Breeder and owner:
F. G. Crane, Dalton, Mass.

63112 **Vale of Woodbury**
Sire *Washakie of the Gron* (25525)
Dam *Imp. Vale Flora 2d* (40476)
Born—Feb. 25, 1916
Breeder and owner:
J. Watson Webb, Westbury, N. Y.

63113 **Standard's May**
Sire *Rhea's King of the May* (14368)
Dam *Standard's Julia* (29011)
Born—March 26, 1915
Breeder and owner:
D. L. Williams, Waukesha, Wis.

63114 **Wern's Uter**
Sire *Rhea's King of the May* (14368)
Dam *Imp. Uter V.* (35475)
Born—Oct. 14, 1914
Breeder and owner:
D. L. Williams, Waukesha, Wis.

63115 **Rosy's Etta of Hillside**
Sire *Ramona's Standard of Platteville* (21858)
Dam *Imp. Rosy des Sages II.* (49517)
Born—Aug. 24, 1915
Breeder and owner:
W. C. Hill & Wilkins Bros., Platteville, Wis.

63116 **Daisy's Starlight of Hillside**
Sire *Ramona's Standard of Platteville* (21858)
Dam *Imp. Daisy of Dorset Cottage* (49519)
Born—Sept. 21, 1915
Breeder and owner:
W. C. Hill & Wilkins Bros., Platteville, Wis.

63117 **Golden Maiden of Pencoyd**
Sire *Langwater Pencoyd* (21830)
Dam *Golden Lady of Pencoyd* (22223)
Born—Dec. 28, 1915
Breeder and owner:
T. W. & I. W. Roberts, Bala, Pa.

63118 **Francesca of Ewing**
Sire *Imp. Ravenscroft Coronation* (25173)
Dam *Imp. Billy's France's Primrose* (29378)
Born—Sept. 8, 1915
Breeder and owner:
F. W. Roebling, Trenton, N. J.

63119 **May Apple of Ewing**
Sire *May Rose King of Ewing* (27234)
Dam *Imp. Violet II. des Videclins* (39452)
Born—Sept. 14, 1915
Breeder and owner:
F. W. Roebling, Trenton, N. J.

63120 **Aquamarine of Ewing**
Sire *Imp. Ravenscroft Coronation* (25173)
Dam *Imp. Nelita's Beauty* (38879)
Born—Oct. 22, 1915
Breeder—Arthur S. Kniffin, Trenton, N. J.
Owner—F. W. Roebling, Trenton, N. J.

63121 **Rosemary of Ewing**
Sire *May Rose King of Ewing* (27234)
Dam *Imp. Sequel's Queen* (48453)
Born—Oct. 26, 1915
Breeder and owner:
F. W. Roebling, Trenton, N. J.

63122 **Thelma Duchess of Hillside**
Sire *L'Islet King of Briarbank* (26044)
Dam *Spottie's Duchess* (49989)
Born—Aug. 17, 1915
Breeder and owner:
Eugene Ludeman, Fort Atkinson, Wis.

63123 **Bessie of Cottage Hill**
Sire *Betty's Sequel of Keewaydin* (21835)
Dam *Ella of Cottage Hill 2d* (41380)
Born—Sept. 7, 1915
Breeder and owner:
D. R. Hanna, Ravenna, Ohio.

63124 **Isabella**
Sire *Glenwood Boy of Utility* (20676)
Dam *Christmas Cheer* (42900)
Born—Aug. 14, 1915
Breeder and owner:
J. F. Kreider, Ohio City, Ohio.

63125 **Follyland Cifsbelle**
Sire *Langwater Peerless* (19227)
Dam *Cifsbelle* (45336)
Born—Aug. 27, 1915
Breeder and owner:
I. C. Blandy, Greenwich, N. Y.

63126 **Follyland Beauty Queen**
Sire *Langwater Peerless* (19227)
Dam *Imp. Beauty of the King's Mills* (41647)
Born—Aug. 5, 1915
Breeder and owner:
I. C. Blandy, Greenwich, N. Y.

63127 **Georgiana Joy El Moore**
Sire *So Long of Nutting Farm* (23450)
Dam *La Vanne El Moore* (48683)
Born—Sept. 6, 1915
Breeder and owner:
George A. Bridge, Batavia, N. Y.

63128 **Mertie Joy El Moore**
Sire *So Long of Nutting Farm* (23450)
Dam *Mertie El Moore* (46302)
Born—Sept. 9, 1915
Breeder and owner:
George A. Bridge, Batavia, N. Y.

63129 **Naide of Walnut Grove**
Sire *May King of Pomeroy 3d* (23223)
Dam *Golden Beauty of Walnut Grove* (27392)
Born—Nov. 13, 1915
Breeder and owner:
R. H. Ferguson, Kirkwood, Pa.

63130 **Frenchman's Fairy of North Home**
Sire *Frenchman of Linwood* (24379)
Dam *King's Fairy of North Home* (38985)
Born—Aug. 22, 1915
Breeder and owner:
Jesse L. Doan, Barnum, Minn.

63131 **Frenchman's La Belle of North Home**
Sire *Frenchman of Linwood* (24379)
Dam *Pride of Northhome* (32396)
Born—Aug. 28, 1915
Breeder and owner:
Jesse L. Doan, Barnum, Minn.

63132 **Allenwood Jessamine**
Sire *Allenwood King Regent* (23641)
Dam *Imp. Roehampton Jessamine* (52789)
Born—Dec. 12, 1915
Breeder and owner:
C. C. Allen, Kenosha, Wis.

63133 **Lucena of Middlevale**
Sire *Lord Goldenrod of Stanford* (18454)
Dam *Luella of Middlevale* (47518)
Born—Oct. 10, 1914
Breeder and owner:
Clarence A. Knapp, Stanfordville, N. Y.

63134 **Golden Daisy of Middlevale**
Sire *Lord Goldenrod of Stanford* (18454)
Dam *Daisy of Middlevale* (22573)
Born—Oct. 19, 1914
Breeder and owner:
Clarence A. Knapp, Stanfordville, N. Y.

63135 **Ina of Middlevale**
Sire *Lord Goldenrod of Stanford* (18454)
Dam *Inez of Middlevale* (24350)
Born—Oct. 31, 1914
Breeder and owner:
Clarence A. Knapp, Stanfordville, N. Y.

63136 **Elberta of Middlevale**
Sire *Lord Goldenrod of Stanford* (18454)
Dam *Roberta of Middlevale* (50676)
Born—Dec. 6, 1914
Breeder and owner:
Clarence A. Knapp, Stanfordville, N. Y.

63137 **Tonella of Middlevale**
Sire *Lord Goldenrod of Stanford* (18454)
Dam *Tonie Belle of Middlevale* (48441)
Born—Jan. 15, 1915
Breeder and owner:
Clarence A. Knapp, Stanfordville, N. Y.

63138 **Highland Home Lassie**
Sire *Marcia's Conqueror* (17687)
Dam *Gamma of Shinrone* (38144)
Born—Dec. 4, 1915
Breeder and owner:
A. W. Hook, Enumclaw, Wash.

63139 **Tulip of Bellview**
Sire *Imp. Roberts' Criterion of Bellview* (26887)
Dam *Imp. Tulip des Sages II.* (39685)
Born—Aug. 20, 1915
Breeder and owner:
F. B. Buckley, Valley Falls, N. Y.

63140 **Criterion's Nellie of Bellview**
Sire *Imp. Roberts' Criterion of Bellview* (26887)
Dam *Imp. Galaxy's Nellie* (36355)
Born—Aug. 28, 1915
Breeder and owner:
F. B. Buckley, Valley Falls, N. Y.

63141 **Criterion's Dame of Bellview**
Sire *Imp. Roberts' Criterion of Bellview* (26887)
Dam *Imp. Dame d'Or* (47698)
Born—Sept. 5, 1915
Breeder and owner:
F. B. Buckley, Valley Falls, N. Y.

63142 **Lady Betty of Bellview**
Sire *Imp. Roberts' Criterion of Bellview* (26887)
Dam *Imp. Lady Betty of the Hougue du Pommier* (39659)
Born—Oct. 25, 1915
Breeder and owner:
F. B. Buckley, Valley Falls, N. Y.

63143 **Karma Bonita Atkinson**
Sire *King of the Intervale Farm* (23488)
Dam *Karma of Bonita* (47311)
Born—Oct. 5, 1915
Breeder and owner:
Curtis & Knilans, Fort Atkinson, Wis.

63144 **Bonita's Pink of Atkinson**
Sire *King of the Intervale Farm* (23488)
Dam *Pink of Bonita* (47307)
Born—Oct. 28, 1915
Breeder and owner:
Curtis & Knilans, Fort Atkinson, Wis.

63145 **Wyebrook Paula**
Sire *Easter's Governor* (22599)
Dam *Golden Polly* (46654)
Born—Aug. 14, 1915
Breeder and owner:
John C. Higgins, Delaware City, Del.

63146 **Wyebrook Emerita**
Sire *Easter's Governor* (22599)
Dam *Lily Emerita* (30447)
Born—Nov. 10, 1915
Breeder and owner:
John C. Higgins, Delaware City, Del.

63147 **Iris Bates of Avonlea**
Sire *Jimmy Bates* (12586)
Dam *Imp. Iris of Jefferson* (35920)
Born—Sept. 14, 1915
Breeder and owner:
W. R. Nesbit, Butler, Pa.

63148 **Patsy Bates of Avonlea**
Sire *Jimmy Bates* (12586)
Dam *Alma of Avonlea* (37299)
Born—Nov. 20, 1915
Breeder and owner:
W. R. Nesbit, Butler, Pa.

63149 **Eugenie of Grenwode**
Sire *Loretta's Count* (16601)
Dam *Ida Eugenie* (30589)
Born—Sept. 9, 1915
Breeder and owner:
W. F. Reynolds, Kenosha, Wis.

63150 **Betsy Ross of Maple Glen**
Sire *Florham Laddie* (20431)
Dam *Julia Marlowe of Maple Glen* (48230)
Born—Aug. 9, 1915
Breeder—L. L. Coggshall, Locke, N. Y.
Owner—F. E. Woodruff, Binghamton, N. Y.

63151 **Imp. Rosalind of Edgemoor**
Sire On Guernsey *Flower Boy of the Cloture* (R. G. A. S. 3377 P. S.)
Dam *Imp. Carey of Sarnia* (58735)
Born—Aug. 18, 1915
Imp. in dam.
Breeder—A. Langlois, Island of Guernsey.
Owner—W. H. Dupee, Santee, Cal.

63152 **Ponchez Rosie**
Sire *May King of Pomeroy* (17071)
Dam *Miss Ponchez of Lewison* (27632)
Born—Aug. 19, 1915
Breeder—T. S. Irwin & S. E. Martin, Atglen, Pa.
Owner—T. S. Irwin, Christiana, Pa.

63153 **Autocrat's Viola of Harriton**
Sire *Glenwood's Autocrat of Haddon* (26966)
Dam *Viola Allen* (21818)
Born—Dec. 29, 1915
Breeder and owner:
M. M. Vaux, Bryn Mawr, Pa.

63154 **Tomboy of Chestnut Farm**
Sire *Ferndale King* (14772)
Dam *Polly of Chestnut Farm* (36526)
Born—Dec. 13, 1913
Breeder and owner:
Robert Winsor, Weston, Mass.

63155 **Honestina**
Sire *France-Elberon of Wawa* (15756)
Dam *Honesty Augusta* (38240)
Born—Sept. 8, 1914
Breeder and owner:
Robert Winsor, Weston, Mass.

63156 **Lady Belinda**
Sire *President's No Joke of Lewison* (19104)
Dam *Boulder Belinda* (31254)
Born—July 5, 1913
Breeder—Frank T. Wheeler, Great Barrington, Mass.
Owner—L. P. Bissell, Suffield, Conn.

63157 **Adirondack Lass**
Sire *Florodora's King* (18356)
Dam *Ballet Glenda's Greta* (33333)
Born—May 5, 1915
Breeder—J. E. Johnson, Warrensburg, N. Y.
Owner—Est. J. E. Johnson, Warrensburg, N. Y.

63158 **Rappana's Beauty**
Sire *Sarah's Lad* (18736)
Dam *Rappana* (14863)
Born—July 26, 1915
Breeder—J. M. Fox, Foxburg, Pa.
Owner—C. E. Polley, Transfer, Pa.

63159 **Miss Mary of Bunker Hill**
Sire *September Boy of Fairview* (26620)
Dam *Manoa's Mary of Bunker Hill* (41835)
Born—Sept. 23, 1915
Breeder and owner:
Ezra H. Good, Dalton, Ohio.

63160 **Nannie of Bunker Hill**
Sire *September Boy of Fairview* (26620)
Dam *Sequel's Perfection* (34587)
Born—Dec. 13, 1915
Breeder and owner:
Ezra H. Good, Dalton, Ohio.

63161 **Selma of Arnott**
Sire *Jessica's Pride of Iowa* (23951)
Dam *Imp. Polly of Château à l'etocq II.* (43617)
Born—Aug. 15, 1915
Breeder and owner:
Otteson & Ambal, Albert Lea, Minn.

63162 **Jeweller's Beauty of Arnott**
Sire *Jeweller of Summit Lake* (11977)
Dam *Hazel of Maplewood* (20393)
Born—Aug. 16, 1915
Breeder and owner:
Otteson & Ambal, Albert Lea, Minn.

63163 **Giddy the Belle**
Sire *Olga's Bullfinch* (26588)
Dam *Giddy Folly* (42881)
Born—June 26, 1914
Breeder—William H. Caldwell, Peterboro, N. H.
Owner—Iver I. Seim, Richville, Minn.

63164 **Vivian Rival Standish**
Sire *Royal Rival of Fletcher Farm* (19957)
Dam *Hope Standish* (22577)
Born—Sept. 9, 1915
Breeder and owner:
F. W. Gibbs, Brooks, Maine.

63165 **Ruby Rival Standish**
Sire *Royal Rival of Fletcher Farm* (19957)
Dam *Hazel Standish* (34189)
Born—Dec. 2, 1915
Breeder and owner:
F. W. Gibbs, Brooks, Maine.

63166 **Glenwood's Joyce**
Sire *Normandie Farm Glenwood Boy* (26005)
Dam *Imp. Joyce des Buttes III.* (47124)
Born—Sept. 25, 1915
Breeder—Clarence Deshong, Chester, Pa.
Owner—Scranton Poor District, Clarks Summit, Pa.

63167 **Royal Jessie**
Sire *Lady's Royal Jeweller* (23125)
Dam *Lady Rosealla's Jessie* (47823)
Born—Oct. 27, 1915
Breeder and owner:
A. W. Prust, Deerfield, Wis.

63168 **Miss Beauty Star**
Sire *Imp. Kaiser of the Isle* (19603)
Dam *Imp. Beauty II. of the Grée* (36413)
Born—Oct. 3, 1915
Breeder and owner:
H. C. Sutcliffe, Black Earth, Wis.

63169 **Pride's Lady Kiteja**
Sire *Raymond of Willowmore Farm* (21062)
Dam *Miss Mousie's Pride* (34922)
Born—Aug. 19, 1915
Breeder and owner:
E. G. Van Heuklom, Appleton, Wis.

63170 **Willow's Bessie**
Sire *Prince Charles of Glen Grove* (15957)
Dam *Bessie B. of Glen Grove* (30649)
Born—July 24, 1915
Breeder—Charles B. Wood, Marysville, Wash.
Owner—Augustine & Kyer, Seattle, Wash.

63171 **Queen of Maple Grove 2d**
Sire *King James of Wasteland* (25382)
Dam *Queen of Maple Grove* (33554)
Born—Sept. 21, 1915
Breeder and owner:
C. A. Freshcorn, Zelienople, Pa.

63172 **Daisy of Scenery Hill**
Sire *Imp. Lizette's Raymond of the Préel* (16934)
Dam *Queen of Scenery Hill* (38458)
Born—Aug. 24, 1915
Breeder and owner:
Mary M. Boles, Lisbon, Ohio.

63173 **Chaplet of Elm Spring**
Sire *Bob Marshall* (13733)
Dam *Princess of Elm Spring* (48170)
Born—Aug. 26, 1915
Breeder and owner:
Frank C. Webb, Medford, Minn.

63174 **Marguerite's Buttercup**
Sire *Dairymaid's Ledyard Bay* (26931)
Dam *Marguerite of Somerset* (45291)
Born—Aug. 29, 1915
Breeder and owner:
James D. Gibson, Whitney Crossings, N. Y.

63175 **Beauty of 4 Mile**
Sire *Joe of Lakeview* (28845)
Dam *Mabel of Lakeview* (53045)
Born—Jan. 13, 1916
Breeder—Henry Rozema, Fremont, Mich.
Owner—Allan M. Fletcher, Alpena, Mich.

63176 **Godolphin Masher**
Sire *Glenwood's Masher* (16712)
Dam *Imp. Godolphin Susan* (44555)
Born—Aug. 14, 1915
Breeder and owner:
Mrs. W. J. Munce, Washington, Pa.

63177 **Queen of Mapledale's Rosie**
Sire *Irene's Chief of Pomeroy* (18317)
Dam *Queen of Mapledale* (27779)
Born—Aug. 30, 1915
Breeder—Samuel Hertel, Van Wert, Ohio.
Owner—O. Phelan Huffine, Van Wert, Ohio.

63178 **May Rose's Alicia of Elso Manor**
Sire *Imp. May Rose of la Mare* (30664)
Dam *Imp. Alicia of the Isle* (39997)
Born—Dec. 29, 1915
Breeder—Est. George W. Ott, Doylestown, Pa.
Owner—Frank H. Elsworth, Hopewell, N. J.

63179 **Galaxy's Beauty of Deerfield**
Sire *Galaxy's Butter King* (20753)
Dam *Galaxy's Uneette* (51042)
Born—Dec. 24, 1915
Breeder—Est. Myron C. Wick, Youngstown, Ohio.
Owner—Clarence Eno, Deerfield, Ohio.

63180 **Petite's Dolly Varden**
Sire *Squire's Louis* (25165)
Dam *Twinkle's Petite* (38935)
Born—Oct. 14, 1915
Breeder and owner:
F. H. Quimby, East Barnet, Vt.

63181 **Raymond's Cream Puff**
Sire *Imp. Raymond of the Préel* (11353)
Dam *Imp. Nelly of the Villiaze III.* (50411)
Born—Aug. 21, 1915
Breeder and owner:
Isaac H. Clothier, Jr., Radnor, Pa.

63182 **Catania of Evergreens**
Sire *Sequel's Favorite* (19704)
Dam *Lady Catania* (27428)
Born—Oct. 7, 1915
Breeder and owner:
Est. George La Monte, Bound Brook, N. J.

63183 **Loretta of Stonyledge**
Sire *Waukesha's Imperial* (20641)
Dam *Floretta of Stonyledge* (40557)
Born—July 21, 1915
Breeder and owner:
William T. Sackrider & Son, Battle Creek, Mich.

63184 **Natty of Hopkins**
Sire *Charmant de la Rose* (19273)
Dam *Natty of Pittsfield* (26001)
Born—Oct. 15, 1913
Breeder and owner:
Sib Rumery, Bradley, Mich.

63185 **Pearl's Nellie's Jean**
Sire *Marsh's Dairyman* (25009)
Dam *Pearl's Nellie* (43767)
Born—Jan. 22, 1916
Breeder and owner:
Mrs. L. C. Hays, Imperial, Pa.

63186 **Countess's Pet**
Sire *Dumont's Hero* (18862)
Dam *Countess of Ulao* (42436)
Born—Aug. 20, 1915
Breeder and owner:
J. R. Love, Waukesha, Wis.

63187 **Justine's Daisy of Evergreen**
Sire *Raymond of Imp. Richmond Lass* (24044)
Dam *Foulon Daisy's Justine* (62291)
Born—Sept. 27, 1915
Breeder and owner:
E. G. Van Heuklom, Appleton, Wis.

63188 **Noble's Christie**
Sire *Golden Noble of Pine Grove* (18668)
Dam *Florentine's Christine 4th* (48116)
Born—Sept. 26, 1915
Breeder and owner:
A. Greer & Sons, Newbury, Vt.

63189 **Miss Hilda May**
Sire *Dolly Dollars' May King* (28544)
Dam *Hilda B.* (20230)
Born—Oct. 3, 1915
Breeder—B. W. Brown, Jefferson, Ohio.
Owner—C. P. Nagle, Andover, Ohio.

63190 **Royal's Nancy**
Sire *Langwater Royal* (14253)
Dam *Nankeen 6th* (43850)
Born—Jan. 6, 1916
Breeder and owner:
M. T. Phillips, Pomeroy, Pa.

63191 **Golden Rilma of Minot**
Sire *Golden Land* (18352)
Dam *Constance Rilma* (48491)
Born—Aug. 29, 1915
Breeder and owner:
E. S. Person, Minot, N. Dak.

63192 **Lady Thelma of Meadow Brook Farm**
Sire *Frank of Guernsey Hill* (19514)
Dam *Trilby of Colliers* (30200)
Born—Aug. 5, 1915
Breeder and owner:
J. C. Mechling, Colliers, W. Va.

63193 **Freesia of Rosholt Farm**
Sire *Demonstrator of Oak Hill* (22611)
Dam *Imp. Freesia XII.* (31691)
Born—Oct. 14, 1915
Breeder and owner:
Jacob Rosholt, Scandinavia, Wis.

63194 **Nancy Harbor**
Sire *Demonstrator of Oak Hill* (22611)
Dam *Lucy Harbor* (39010)
Born—Oct. 17, 1915
Breeder and owner:
Jacob Rosholt, Scandinavia, Wis.

63195 **Nellie Lyons**
Sire *Demonstrator of Oak Hill* (22611)
Dam *Beauty Lyons* (39011)
Born—Oct. 20, 1915
Breeder and owner:
Jacob Rosholt, Scandinavia, Wis.

63196 **Demonstrator's Mabel**
Sire *Demonstrator of Oak Hill* (22611)
Dam *Mabel Lyons* (23995)
Born—Dec. 7, 1915
Breeder and owner:
Jacob Rosholt, Scandinavia, Wis.

63197 **Fashion Plate of Harriton**
Sire *Leander of Harriton* (22871)
Dam *Rudbeckia of Harriton* (41588)
Born—Aug. 26, 1914
Breeder and owner:
Mary M. Vaux, Bryn Mawr, Pa.

63198 **Bella's Golden Lassie**
Sire *Gold Lassie's Julian* (27704)
Dam *Imp. Bella II. du Grand Fort* (36346)
Born—Feb. 4, 1916
Twin with cow No. 63199.
Breeder and owner:
G. G. Hartley, Duluth, Minn.

63199 **Bella's Gold Lassie**
Sire *Gold Lassie's Julian* (27704)
Dam *Imp. Bella II. du Grand Fort* (36346)
Born—Feb. 4, 1916
Twin with cow No. 63198.
Breeder and owner:
G. G. Hartley, Duluth, Minn.

63200 **Green Meadow Polly**
Sire *Miron of Edgewater* (19355)
Dam *Busy Bee of Green Meadow* (42108)
Born—Nov. 16, 1915
Breeder and owner:
G. A. Cluett, Williamstown, Mass.

63201 **Green Meadow Daisy**
Sire *Miron of Edgewater* (19355)
Dam *Green Meadow Fawny* (47540)
Born—Jan. 5, 1916
Breeder and owner:
G. A. Cluett, Williamstown, Mass.

63202 **Queenola of York**
Sire *Sunset of Wakarusa* (24848)
Dam *Queen of York* (38226)
Born—Jan. 28, 1916
Breeder and owner:
William H. Spaulding, Vistula, Ind.

63203 **Dryden Dorothy**
Sire *Glenwood Warwick* (24258)
Dam *Dryden Bessie* (49624)
Born—Sept. 2, 1915
Breeder and owner:
Nye Hungerford, Ithaca, N. Y.

63204 **Rhoda of Broadlawn**
Sire *Imp. Cosy Import of Follyland* (23810)
Dam *Imp. The Fairie Queene III.* (41619)
Born—Aug. 28, 1915
Breeder and owner:
Frank P. Gildersleeve, Union Springs, N. Y.

63205 **Iowana 3d**
Sire *St. Austell May King* (29199)
Dam *Iowana* (44800)
Born—Nov. 27, 1915
Breeder and owner:
C. R. Musser, Muscatine, Iowa.

63206 **Maud of Hillanddale**
Sire *St. Austell May King* (29199)
Dam *Mabel of Hillanddale* (44801)
Born—Jan. 1, 1916
Breeder and owner:
C. R. Musser, Muscatine, Iowa.

63207 **Golden's Eve of Elm Tree Farm**
Sire *Golden of Island Field Farm* (28083)
Dam *Eve of Elm Tree Farm* (43499)
Born—Nov. 14, 1915
Breeder and owner:
E. W. Brundage, Hop Bottom, Pa.

63208 **Golden's Hope of Elm Tree Farm**
Sire *Golden of Island Field Farm* (28083)
Dam *Miss Catania's Hope of Elm Tree Farm* (49152)
Born—Dec. 7, 1915
Breeder and owner:
E. W. Brundage, Hop Bottom, Pa.

63209 **Golden's Queen of Elm Tree Farm**
Sire *Golden of Island Field Farm* (28083)
Dam *Jerusalem Queen* (32284)
Born—Jan. 7, 1916
Breeder and owner:
E. W. Brundage, Hop Bottom, Pa.

63210 **Ina L.**
Sire *Orando L.* (21820)
Dam *Flossie V.* (40520)
Born—Sept. 17, 1915
Breeder and owner:
Ira C. Lybarger, Geneva, Ind.

63211 **Lady Bloom of Maple Vale**
Sire *Dimple Bloom* (14369)
Dam *Thirty Thousand One Hundred Twenty One* (30121)
Born—Aug. 23, 1915
Breeder—T. E. Hyde, Bloomsburg, Pa.
Owner—J. B. Ruckle, Millville, Pa.

63212 **Daisy Belle of Fair Meadows**
Sire *Imp. Ships Bells* (19667)
Dam *Miriam Belle of Fair Meadows* (49575)
Born—Sept. 6, 1915
Breeder and owner:
A. L. French, Anoka, Minn.

63213 **Flora of Fair Meadows**
Sire *Imp. Ships Bells* (19667)
Dam *Imp. French's Polly* (39508)
Born—Nov. 2, 1915
Breeder and owner:
A. L. French, Anoka, Minn.

63214 **Mollie Grace of Fair Meadows**
Sire *King Philip of Fair Meadows* (30236)
Dam *Polly's Jewel of Fair Meadows* (52495)
Born—Jan. 15, 1916
Breeder and owner:
A. L. French, Anoka, Minn.

63215 **Dolly May of Scandinavia**
Sire *Philip Glenwood* (28285)
Dam *Christabel's Glenwood Girl* (37930)
Born—Sept. 1, 1915
Breeder and owner:
Isaac A. Olson, Scandinavia, Wis.

63216 **Eudora of Broad Acres**
Sire *King Masher 5th* (18361)
Dam *Lady Préel of Springfield* (38302)
Born—Dec. 1, 1915
Breeder and owner:
Frank M. Smith, Springfield Center, N. Y.

63217 **Craigamoor Daisy Bas**
Sire *Langwater Raritan* (17052)
Dam *Princess Tibeon of Craigamoor* (33765)
Born—July 6, 1915
Breeder and owner:
George C. Cooper, Superior, Wis.

63218 **Dolly Dimple of Edgewood**
Sire *Hazel's Masher of Edgewood* (17221)
Dam *Lady May of Edgewood* (35171)
Born—Oct. 5, 1915
Breeder and owner:
George L. Cary, Gansevoort, N. Y.

63219 **Sequel's Hope of Elm Spring**
Sire *Jewel's Sequel of Fairview* (26174)
Dam *Chief's Alpha of Fairview* (38712)
Born—Oct. 2, 1915
Breeder and owner:
H. B. Field & Son, Milton, Vt.

63220 **Daisy of Campbell**
Sire *Red Boy of Gayhead* (20190)
Dam *Daisy's Belle of Medway* (47244)
Born—March 31, 1915
Breeder—Milon D. Powell, Medway, N. Y.
Owner—Homer Wolf, La Crosse, Wis.

63221 **Spotty of Clairview**
Sire *Dick of Oak Hill* (21368)
Dam *Nettie of Weymouth* (38297)
Born—Jan. 16, 1916
Breeder and owner:
H. N. Torrey, Detroit, Mich.

63222 **Constance of Clairview**
Sire *Dick of Oak Hill* (21368)
Dam *Linnie Landseer's Nellie Grey* (24267)
Born—Feb. 12, 1916
Breeder and owner:
H. N. Torrey, Detroit, Mich.

63223 **Pearly Catoe**
Sire *Imp. Lizette's Raymond of the Préel* (16934)
Dam *Pearl Catoe* (43703)
Born—Nov. 24, 1915
Breeder and owner:
Evan B. Adams, Lisbon, Ohio.

63224 **Imogene A.**
Sire *Imp. Lizette's Raymond of the Préel* (16934)
Dam *Inspiration* (38753)
Born—Jan. 24, 1916
Breeder and owner:
Evan B. Adams, Lisbon, Ohio.

63225 **Miss Belle Walbridge**
Sire *Imp. Lizette's Raymond of the Préel* (16934)
Dam *Belle Walbridge 2d* (48128)
Born—Jan. 24, 1916
Breeder and owner:
Evan B. Adams, Lisbon, Ohio.

63226 **Godolphin Minnie of Tod Farm**
Sire *Galaxy's Butter Man* (28850)
Dam *Godolphin Nellie of Tod Farm* (45709)
Born—Dec. 25, 1915
Breeder and owner:
David Tod, Hubbard, Ohio.

63227 **Lady Audrey of Willowmere**
Sire *Glenwood's Jeweller of Hollywood* (14486)
Dam *Lady Berkeley* (26925)
Born—March 1, 1913
Breeder and owner:
B. F. Salsbury, Fairfax, Va.

63228 **Miss Sybil of Willowmere**
Sire *Glenwood's Jeweller of Hollywood* (14486)
Dam *Miss Virginia* (26826)
Born—April 16, 1913
Breeder and owner:
B. F. Salsbury, Fairfax, Va.

63229 **Alice Grattan**
Sire *Leo's Lad* (28532)
Dam *Laura Gold* (48714)
Born—Sept. 9, 1915
Breeder and owner:
Archie L. Carver, Faribault, Minn.

63230 **Lula Grattan**
Sire *Leo's Lad* (28532)
Dam *Adeline Weshpi* (45836)
Born—Sept. 15, 1915
Breeder and owner:
Archie L. Carver, Faribault, Minn.

63231 **Beauty's Gretchen of High View**
Sire *Border Equal* (27974)
Dam *Beauty of High View* (45877)
Born—Sept. 3, 1915
Breeder and owner:
J. E. Nichols, Elm Grove, W. Va.

63232 **Martha's Bell of High View**
Sire *Border Equal* (27974)
Dam *Martha of High View* (39621)
Born—Sept. 9, 1915
Breeder and owner:
J. E. Nichols, Elm Grove, W. Va.

63233 **Nora of Inverness**
Sire *Selma of Pinehurst 4th's Glenwood* (25849)
Dam *Materna's Madam Nordica* (37032)
Born—Nov. 14, 1915
Breeder and owner:
A. W. & R. O. Hargrave, Ripon, Wis.

63234 **Quite**
Sire *Two Bells* (18542)
Dam *Imp. White's Daisy II.* (35216)
Born—Nov. 3, 1915
Breeder and owner:
Martin T. Allwardt, Yorkville, Ill.

63235 **Bliss**
Sire *Two Bells* (18542)
Dam *Snippie Glenwood of Yorkville* (48772)
Born—Nov. 21, 1915
Breeder and owner:
Martin T. Allwardt, Yorkville, Ill.

63236 **Sequel's Royal Dairy Maid**
Sire *Sookey's Walter Sequel of Fritzlyn* (16965)
Dam *Imp. Dairy Maid of the Grée* (35782)
Born—Jan. 6, 1916
Breeder and owner:
H. P. Andersen & Son, Denmark, Wis.

63237 **Florette of Roughwood**
Sire *Demonstrator of Roughwood* (23133)
Dam *Flower of Roughwood* (32877)
Born—Dec. 18, 1915
Breeder and owner:
Ernest B. Dane, Chestnut Hill, Mass.

63238 **Bon Espoir of Roughwood**
Sire *Demonstrator of Roughwood* (23133)
Dam *Hope of Roughwood* (27639)
Born—Feb. 7, 1916
Breeder and owner:
Ernest B. Dane, Chestnut Hill, Mass.

63239 **Cherry's Buttercup**
Sire *Big Jim of West Farm* (26389)
Dam *Cherry of Oxford* (42045)
Born—Aug. 1, 1915
Breeder and owner:
Friends Hospital, Frankford, Pa.

63240 **Bohoes Princess of Helenwood**
Sire *Bohoes Ly* (15889)
Dam *Naples Princess 3d* (59288)
Born—Aug. 2, 1915
Breeder and owner:
George F. Krampeter, Mondovi, Wis.

63241 **Annabell's Halloween**
Sire *Justice May King* (23466)
Dam *Alfretta's Glory* (20934)
Born—Oct. 31, 1915
Breeder and owner:
C. A. Peterson, Prentice, Wis.

63242 **Glory's Gwendoline 2d**
Sire *Justice May King* (23466)
Dam *Glory's Gwendoline* (46046)
Born—Dec. 26, 1915
Breeder and owner:
C. A. Peterson, Prentice, Wis.

63243 **Pride's Maid**
Sire *Glendorson* (15566)
Dam *Pride of Geneva* (52640)
Born—Sept. 6, 1915
Breeder and owner:
T. A. Erickson, Alexandria, Minn.

63244 **Yeksa's Mondovia**
Sire *Lord Yeksa's Boy* (28738)
Dam *Mondovia Lehigh* (49413)
Born—Oct. 2, 1915
Breeder and owner:
Clifford Capener, Baraboo, Wis.

63245 **Etta's Blanche of Neill Heights**
Sire *Jeddy* (14206)
Dam *Etta of Neill Heights* (28590)
Born—Nov. 5, 1913
Breeder and owner:
J. M. Neill, Canonsburg, Pa.

63246 **Rose Chêne of Lincoln Way**
Sire *Hesitator of Anna Dean Farm* (27635)
Dam *Raymond-Anchor Queen* (47758)
Born—Jan. 10, 1916
Breeder and owner:
G. F. Mason, Lisbon, Ohio.

63247 **Apple Tree Albatross**
Sire *Floridia's Premier* (23093)
Dam *Juniper of Shoquoquon* (41633)
Born—Jan. 8, 1916
Breeder and owner:
Charles E. Perkins, Burlington, Iowa.

63248 **King's Daisy of Pleasant View**
Sire *King Rival of Maple Hill* (22751)
Dam *Lilly of Pleasant View* (25853)
Born—Aug. 30, 1915
Breeder and owner:
Frank Runde, Sinsinawa, Wis.

63249 **Fairy Blossom**
Sire *Royal Combination* (11723)
Dam *Hazel Blossom* (50982)
Born—Sept. 8, 1915
Breeder and owner:
H. W. Daley, Pine City, Minn.

63250 **Sadie Saxton**
Sire *Peter Charmer* (21899)
Dam *Anna Ferguson* (39261)
Born—Sept. 18, 1915
Breeder—John F. Craig, Sligo, Pa.
Owner—B. F. Thompson, Sligo, Pa.

63251 **Miss Beauty Glenwood**
Sire *Glenwood's Champion* (15639)
Dam *Beauty of Linden Home* (35914)
Born—Feb. 8, 1916
Breeder and owner:
Carnation Stock Farms, Seattle, Wash.

63252 **Elo's Butter Cup**
Sire *Loa* (22162)
Dam *Elo* (39498)
Born—April 5, 1915
Breeder and owner:
O. T. Remington, Elk Mound, Wis.

63253 **Ultra Elect**
Sire *Ne Plus Ultra* (15265)
Dam *Imp. Governor's Rose of the Hèchet* (36388)
Born—Sept. 3, 1915
Breeder and owner:
J. L. Hope, Madison, N. J.

63254 **Florham Bright Hope**
Sire *Imp. Ravenscroft Golden Hope* (25175)
Dam *Imp. May Lad's Emilie* (44540)
Born—Sept. 5, 1915
Breeder and owner:
J. L. Hope, Madison, N. J.

63255 **Imp. May Day's Dairymaid**
Sire *Imp. Beda's May Day* (34995)
Dam *Imp. Dairymaid of Tregonning* (59718)
Born—Sept. 20, 1915
Imp. in dam.
Breeder and owner:
J. L. Hope, Madison, N. J.

63256 **Lady Louise of Wilco Farms**
Sire *Imp. Moss Rose's Sequel II. of the Barras* (26850)
Dam *Imp. Dinah of King's Mills Farm* (34353)
Born—June 14, 1915
Breeder—Frank P. Ewins, Kansas City, Mo.
Owner—The Willis Coal & Mining Co., Willisville, Ill.

63257 **Lady Mar of Wilco Farms**
Sire *John Alexander of The Maples Farm* (24116)
Dam *Lavinia of the Maples Farm* (48347)
Born—June 19, 1915
Breeder—Frank P. Ewins, Kansas City, Mo.
Owner—The Willis Coal & Mining Co., Willisville, Ill.

63258 **Julia Lass of Wilco Farms**
Sire *John Alexander of The Maples Farm* (24116)
Dam *Imp. Amelia Julia of The Maples Farm* (43370)
Born—Sept. 15, 1915
Breeder—Frank P. Ewins, Kansas City, Mo.
Owner—The Willis Coal & Mining Co., Willisville, Ill.

63259 **Gay Lad's Duchess of Wilco Farms**
Sire *Imp. Moss Rose's Sequel II. of the Barras* (26850)
Dam *Imp. Gay Lad's Duchess of the Gouies* (43626)
Born—Nov. 9, 1915
Breeder—Frank P. Ewins, Kansas City, Mo.
Owner—The Willis Coal & Mining Co., Willisville, Ill.

63260 **Clara's Pride's Beauty**
Sire *Bert of Locust Ridge* (30004)
Dam *Clara's Pride* (52879)
Born—Feb. 14, 1916
Breeder and owner:
W. K. Hays, Bulger, Pa.

63261 **Golden Maid of Corona**
Sire *Golden Glenwood of Pencoyd* (21672)
Dam *Cherry's Maid of Corona* (52971)
Born—Jan. 6, 1916
Breeder and owner:
C. W. Main, Corona, Cal.

63262 **Jethro's Sunflower**
Sire *Jethro Bass of Barrymoor* (26365)
Dam *Belle of Grampian's Buttercup* (35515)
Born—July 10, 1915
Breeder—T. C. Bradley, Kansas City, Mo..
Owner—Est. T. C. Bradley, Kansas City, Mo.

63263 **Glenwood's Lady Fairest**
Sire *Lilian Glenwood's Benton* (24551)
Dam *Glenwood's Fairest* (42612)
Born—Aug. 12, 1915
Breeder and owner:
George O. Lucia, Green Bay, Wis.

63264 **Threebrook's Maud**
Sire *Imp. Bijou des Sages* (15382)
Dam *Maud of Hoosick* (24418)
Born—March 25, 1914
Twin with bull No. 37408
Breeder and owner:
W. H. Dixon, Williamstown, Mass.

63265 **Begalore's Rosebud**
Sire *Begalore's Prince* (15557)
Dam *Lark of Brookdale* (38125)
Born—Aug. 1, 1913
Breeder and owner:
S. R. Nissley, Manheim, Pa.

63266 **Norine 3d**
Sire *Vulcan of Falcon's Flight* (29259)
Dam *Norine* (23688)
Born—Jan. 2, 1916
Breeder and owner:
W. H. Camp, Waterbury, Conn.

63267 **Lady Roberts of Saginaw**
Sire *Imp. Roberts' Secret* (30805)
Dam *Imp. Rougette III. of la Croix* (53770)
Born—Jan. 7, 1916
Breeder—F. S. Peer, Cranford, N. J.
Owner—George J. Hicks, Saginaw West Side, Mich.

63268 **Maybelle of Pencoyd**
Sire *Langwater Pencoyd* (21830)
Dam *Nora of Pencoyd* (38923)
Born—Aug. 20, 1915
Breeder and owner:
T. W. & I. W. Roberts, Bala, Pa.

63269 **Brook Lawn's Edna Mac**
Sire *Ninette's Holden of Edgewater* (22881)
Dam *Janet of Churchville* (47077)
Born—Sept. 11, 1915
Breeder and owner:
H. C. Davis & W. P. Lanctot, Churchville, N. Y.

63270 **Princess Daphne**
Sire *Prince Leda* (22458)
Dam *Daphne's Encore* (47262)
Born—Sept. 11, 1915
Breeder—R. V. Lindabury, Bernardsville, N. J.
Owner—James N. Naulty, Martinsville, N. J.

63271 **Bellma's Maid 5th**
Sire *Countess Bonnie Boy of Harriton* (18061)
Dam *Bellma's Maid* (28398)
Born—Oct. 22, 1915
Breeder and owner:
Thomas Briggs, Newtown, Pa.

63272 **Million of Mobjack**
Sire *King of Chilmark* (20798)
Dam *Million of Ellerslie* (22903)
Born—Oct. 9, 1915
Breeder—R. H. L. Chichester, Fredericksburg, Va.
Owner—H. Hollerith, Washington, D. C.

63273 **Rose of Mobjack**
Sire *Golden Count of Pencoyd* (27846)
Dam *Millionaire of G.* (49722)
Born—Nov. 6, 1915
Breeder—R. H. L. Chichester, Fredericksburg, Va.
Owner—H. Hollerith, Washington, D. C.

63274 **Shella of Elmpines**
Sire *Imp. Fanny's Sequel* (19563)
Dam *Imp. Nellie of the Mont Marché* (50407)
Born—Oct. 1, 1915
Breeder and owner:
J. G. Sherman, Greenwich, N. Y.

63275 **Sounty of Elmpines**
Sire *Imp. Fanny's Sequel* (19563)
Dam *Imp. Lily's Bounty* (36393)
Born—Dec. 30, 1915
Breeder and owner:
J. G. Sherman, Greenwich, N. Y.

63276 **Hayes Rosa of Idylewilde**
Sire *May Rose Squire of Medfield* (17743)
Dam *Libby Jean of Waumesit* (29506)
Born—Sept. 16, 1915
Breeder and owner:
E. H. Moore, Kendal Green, Mass.

63277 **Kitty of Elmo**
Sire *Birthright of Oakdale* (27330)
Dam *Rex Anita* (39299)
Born—May 23, 1915
Breeder and owner:
F. A. Stevens, Lake Elmo, Minn.

63278 **Gertie of Lake Elmo**
Sire *Birthright of Oakdale* (27330)
Dam *Rex Ella* (13900)
Born—Sept. 30, 1915
Breeder and owner:
F. A. Stevens, Lake Elmo, Minn.

63279 **Sjofna of West Prairie**
Sire *Adelphos* (23750)
Dam *Sjofna* (42638)
Born—Aug. 22, 1915
Breeder and owner:
C. Christensen, West Prairie, Wis.

63280 **Lily Birthright**
Sire *Caruso of Clovernook* (12824)
Dam *Viola Birthright* (28642)
Born—May 26, 1915
Breeder and owner:
New Mexico Agricultural College, State College, New Mexico.

4156 Ellenwood's Nonesuch 40123

Sire Donald of Ellenwood (16329).
Sire Glenwood's Main Stay 24th (12664).
Dam Maggie Newport 3d (13972).
Dam Wellington Maid 3d's Nonesuch (29178) A. R. 3677.
Sire Gold Brick (8387).
Dam Wellington Maid 3d (28397).
Breeder R. F. Whitmer, Hatboro, Pa.
Owner R. F. Whitmer, Hatboro, Pa.
Sold Sept. 14, 1915 to Charles W. Curtis, Marlboro, Mass.
Born Mar. 6, 1912. *Calved* Sept. 15, 1914. *Served* Jan. 15, 1915.
Requirement for admission: 272.70 lbs. butter fat.

Official year's record: 9517.20 lbs. milk; 452.42 lbs. butter fat.

(Record from Oct. 15, 1914 to Oct. 14, 1915.)
Supervised by National Farm School and Massachusetts Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1914,	452.60 lbs.	4.02 %	18.19 lbs.
Nov.,	"	913.40 "	4.02 "	36.72 "
Dec.,	"	994.90 "	4.44 "	44.17 "
Jan.,	1915,	946.20 "	4.87 "	46.08 "
Feb.,	"	811.60 "	5.05 "	40.99 "
Mar.,	"	884.80 "	4.95 "	43.80 "
Apr.,	"	837.40 "	4.84 "	40.53 "
May,	"	936.60 "	4.54 "	42.52 "
June,	"	880.90 "	4.74 "	41.75 "
July,	"	766.00 "	5.65 "	43.28 "
Aug.,	"	665.30 "	4.84 "	32.20 "
*Sept.,	"	427.50 "	5.19 "	22.19 "
Oct.,	"	Dry.		
Total		9517.20 lbs.	4.75 Av. %	452.42 lbs.

*2 days lacking in September.

Feed

Oct., 1914. 10 lbs. grain daily of the following mixture: 200 lbs. each Schumacher Feed and Brewers' Grains, 100 lbs. each bran, gluten, and cottonseed meal, 50 lbs. each corn meal and oil meal; 20 lbs. ensilage, 10 lbs. alfalfa hay.
Nov., 1914. 12 lbs. grain daily same mixture as given in October; 25 lbs. ensilage, 10 lbs. alfalfa hay.
Dec., 1914. Same grain ration as given in October except 200 lbs. Union Grains instead of Brewers' Grains; 20 lbs. ensilage, 15 lbs. hay.
Jan., 1915. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, cottonseed meal, and gluten, 200 lbs. Union Grains, 50 lbs. Brewers' Grains; 20 lbs. ensilage, 15 lbs. alfalfa hay.
Feb., 1915. 12 lbs. grain daily of the following mixture: 200 lbs. each bran and Union Grains, 100 lbs. each corn meal, gluten, and cottonseed meal, 50 lbs. oil meal; 25 lbs. ensilage, 15 lbs. alfalfa hay.
Mar., 1915. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, gluten feed, and cottonseed meal, 200 lbs. Brewers' Grains, 50 lbs. linseed meal; 25 lbs. ensilage, 12 lbs. alfalfa hay.
Apr., 1915. 10 lbs. grain daily same mixture as given in March; 25 lbs. ensilage, 10 lbs. alfalfa hay.
May, 1915. 12 lbs. grain daily same mixture as given in March; same roughage as given in April.
June, 1915. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, gluten, and cottonseed meal, 50 lbs. corn meal, 200 lbs. Brewers' Grains; 25 lbs. ensilage, 10 lbs. alfalfa hay.
July, 1915. 11 lbs. grain daily same mixture as given in June; 25 lbs. ensilage, 10 lbs. alfalfa hay.
Aug., 1915. 11 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, gluten, and cottonseed meal, 200 lbs. Brewers' Grains, 50 lbs. linseed meal; 25 lbs. ensilage, pasture.
Sept., 1915. 10 lbs. grain daily of the following mixture: 1.5 lbs. each bran, corn meal, gluten, and cottonseed meal, 3 lbs. ground oats, 1 lb. oil meal; 30 lbs. ensilage, rowen hay.
Oct., 1915. No record given.

4157 Jemima Jane 38763

Sire Governor Judson (14913).
Sire Kremo of Homestead (10053).
Dam Fernwood Ruby's Chloe (27213).
Dam Beauty of Wasteland (19869).
Sire Glenwood's Main Stay 6th (8641) A. R.
Dam Morning Glory of Wasteland 2d (18152).
Breeder W. G. Vandenbark, Zanesville, Ohio.
Owner W. G. Vandenbark, Zanesville, Ohio.
Born Aug. 15, 1911. *Calved* Sept. 17, 1914. *Served* May 15, 1915.
Requirement for admission: 292.90 lbs. butter fat.

Official year's record: 6309.70 lbs. milk; 346.51 lbs. butter fat.

(Record from Oct. 14, 1914 to Oct. 13, 1915.)
Supervised by Ohio State University, Columbus, Ohio.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1914,	451.60 lbs.	4.27 %	19.28 lbs.
Nov.,	"	669.00 "	4.91 "	32.85 "
Dec.,	"	597.00 "	5.55 "	33.13 "
Jan.,	1915,	575.80 "	6.47 "	37.25 "
Feb.,	"	501.10 "	5.03 "	25.21 "
Mar.,	"	561.90 "	6.09 "	34.22 "
Apr.,	"	539.10 "	5.84 "	31.48 "
May,	"	575.60 "	4.95 "	28.49 "
June,	"	527.20 "	5.35 "	28.21 "
July,	"	485.40 "	5.53 "	26.84 "
Aug.,	"	407.80 "	5.65 "	23.04 "
Sept.,	"	304.90 "	6.34 "	19.33 "
Oct.,	"	113.30 "	6.34 "	7.18 "
Total		6309.70 lbs.	5.49 Av. %	346.51 lbs.

Feed

Oct., 1914. 14 lbs. grain daily of the following mixture: 2 lbs. bran, 4 lbs. each gluten, ground corn and oats, and oil meal; pasture.
Nov., 1914. 14 lbs. grain daily of the following mixture: 2 lbs. bran, 4 lbs. each gluten and ground (corn and oats), 3 lbs. cottonseed meal, 1 lb. oil meal; 25 lbs. ensilage, 6 lbs. alfalfa hay, corn fodder.
Dec., 1914. 12 lbs. grain daily of the following mixture: 3 lbs. each bran and ground (corn and oats), 2 lbs. each gluten, cottonseed meal, and oil meal; 20 lbs. ensilage, 7 lbs. alfalfa hay, corn fodder.
Jan., 1915. Same grain ration as given in December; 35 lbs. ensilage, 6 lbs. alfalfa hay.
Feb., 1915. 11 lbs. grain daily of the following mixture: 2.5 lbs. each bran and oil meal, 3 lbs. each ground (corn and oats) and Challenge Dairy Feed; 30 lbs. ensilage, 8 lbs. alfalfa hay.
Mar., 1915. 13 lbs. grain daily of the following mixture: 2.5 lbs. bran, 3 lbs. each ground (corn and oats) and Challenge Dairy Feed, 1 lb. gluten, 1.5 lbs. cottonseed meal, 2 lbs. oil meal; 30 lbs. ensilage, 8 lbs. alfalfa hay.
Apr., 1915. 12 lbs. grain daily of the following mixture: 2 lbs. each bran and gluten, 4 lbs. each ground (corn and oats) and Challenge Dairy Feed; 30 lbs. ensilage, pasture.
May, 1915. 10 lbs. grain daily of the following mixture: 2 lbs. each bran and Challenge Dairy Feed, 3 lbs. each ground (corn and oats) and gluten; 25 lbs. ensilage, pasture.
June, 1915. 9 lbs. grain daily of the following mixture: 2 lbs. bran, 3 lbs. each chop and gluten, 1 lb. oil meal; 24 lbs. ensilage, pasture.
July, 1915. 5 lbs. grain daily of the following mixture: 1 lb. bran, 2 lbs. each chop and Hammond Dairy Feed; 20 lbs. ensilage, pasture.
Aug., 1915. 5 lbs. grain daily of the following mixture: 2 lbs. each bran and gluten, 1 lb. oil meal; pasture.
Sept., 1915. Same ration as given in August.
Oct., 1915. Same ration as given in August.

4158 **Imp. Fleurie de la Câche 35522**

Sire Imp. Duke of the Grandes Capelles (15324) A. R.
Sire Imp. Galaxy's Sequel (16904) A. R.
Dam On Guernsey Jessie X. of the Grandes Capelles (R. G. A. S. 4974 P. S.).
Dam On Guernsey Rosie Dora II. (R. G. A. S. 6880 P. S.).
Sire On Guernsey King of the Friquet (R. G. A. S. 1674 P. S.) A. R.
Dam On Guernsey Rosie Dora (R. G. A. S. 2687 P. S.).
Breeder Stephen J. Martel, Island of Guernsey.
Owner Albert C. Loring, Minneapolis, Minn.
Born Aug. 11, 1909. *Calved* Dec. 30, 1914. *Served* Aug. 20, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 11476.20 lbs. milk; 530.57 lbs. butter fat.

(Record from Jan. 3, 1915 to Jan. 2, 1916.)
Supervised by Minnesota Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	1197.70 lbs.	4.70 %	56.29 lbs.
Feb.,	"	1217.10 "	4.45 "	54.16 "
Mar.,	"	1301.60 "	4.15 "	54.02 "
Apr.,	"	1138.20 "	4.24 "	48.26 "
May,	"	990.30 "	4.77 "	47.24 "
June,	"	896.20 "	4.72 "	42.30 "
July,	"	905.50 "	4.46 "	40.39 "
Aug.,	"	841.80 "	4.40 "	37.04 "
Sept.,	"	770.60 "	4.80 "	36.99 "
Oct.,	"	768.30 "	4.99 "	38.34 "
Nov.,	"	701.60 "	5.09 "	35.71 "
Dec.,	"	704.90 "	5.33 "	37.57 "
Jan.,	1916,	42.40 "	5.33 "	2.26 "
Total		11476.20 lbs.	4.62 Av. %	530.57 lbs.

Feed

Jan., 1915. 6 lbs. grain daily of the following mixture: 100 lbs. bran, 10 lbs. each middlings, gluten, and oil meal, 40 lbs. ground oats, 30 lbs. ground barley, 20 lbs. cottonseed meal; 3 lbs. beets, ensilage and alfalfa hay.
Feb., 1915. 6 lbs. grain daily of the following mixture: 200 lbs. bran, 80 lbs. ground oats, 60 lbs. ground barley, 20 lbs. each gluten and oil meal, 40 lbs. cottonseed meal; 15 lbs. beets, 30 lbs. ensilage, alfalfa hay.
Mar., 1915. 9 lbs. grain daily of the following mixture: 200 lbs. bran, 10 lbs. each middlings and gluten, 80 lbs. ground oats, 60 lbs. ground barley, 40 lbs. cottonseed meal, 20 lbs. oil meal; 10 lbs. beets, ensilage and alfalfa hay.
Apr., 1915. 12 lbs. grain daily same mixture as given in March; same roughage.
May, 1915. Same ration as given in April to the 10th, then 6 lbs. grain daily of the following mixture: 200 lbs. bran, 10 lbs. each middlings and gluten, 80 lbs. ground oats, 90 lbs. ground barley, 20 lbs. oil meal; same roughage as given in March from 1st to 10th, after 10th pasture only.
June, 1915. Same ration as given last of May.
July, 1915. 13.5 lbs. grain daily same mixture as given last of May; pasture.
Aug., 1915. 15 lbs. grain daily of the following mixture: 200 lbs. bran, 80 lbs. ground oats, 90 lbs. ground barley, 10 lbs. gluten, 20 lbs. oil meal; pasture.
Sept., 1915. Same grain ration as given in August; 15 lbs. each ensilage and green corn, alfalfa hay and pasture.
Oct., 1915. Same grain ration as given in August; green corn to the 10th then 30 lbs. ensilage, alfalfa hay.
Nov., 1915. 12 lbs. grain daily of the following mixture: 300 lbs. bran, 20 lbs. each middlings and gluten, 225 lbs. ground oats, 200 lbs. ground barley, 60 lbs. cottonseed meal, 40 lbs. oil meal; 20 to 25 lbs. beets, 30 to 35 lbs. ensilage, alfalfa hay.
Dec., 1915. 10.5 lbs. grain daily same mixture as given in November; 25 to 30 lbs. roots, 35 lbs. ensilage, alfalfa hay.
Jan., 1916. Same ration as given in December.

4159 **Gobang of Briarbank 36005**

Sire Imp. Deanie's Sequel (14630) A. R.
Sire On Guernsey Deanie's Jewel (R. G. A. S. 1790 P. S.) A. R.
Dam On Guernsey Deanie XII. (R. G. A. S. 4699 P. S.).
Dam Go Bang (21135) A. R. 1131.
Sire Major Lawton (8224) A. R.
Dam I. X. L. 3d (15847).
Breeder W. T. Barbour, Birmingham, Mich.
Owner C. T. Bundy, Eau Claire, Wis.
Born Dec. 18, 1910. *Calved* Dec. 11, 1914. *Served* July 4, 1915.
Requirement for admission: 323.20 lbs. butter fat.

Official year's record: 8008.30 lbs. milk; 452.19 lbs. butter fat.

(Record from Dec. 16, 1914 to Dec. 15, 1915.)
Supervised under one day test by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1914,	473.40 lbs.	5.23 %	24.76 lbs.
Jan.,	1915,	896.90 "	5.61 "	50.32 "
Feb.,	"	738.80 "	5.43 "	40.12 "
Mar.,	"	781.10 "	5.32 "	41.55 "
Apr.,	"	740.40 "	5.60 "	41.46 "
May,	"	777.50 "	4.93 "	38.33 "
June,	"	731.70 "	5.54 "	40.54 "
July,	"	750.00 "	5.61 "	42.08 "
Aug.,	"	677.30 "	5.33 "	36.10 "
Sept.,	"	475.70 "	6.90 "	32.82 "
Oct.,	"	440.10 "	6.27 "	27.59 "
Nov.,	"	357.40 "	6.95 "	24.84 "
Dec.,	"	168.00 "	6.95 "	11.68 "
Total		8008.30 lbs.	5.65 Av. %	452.19 lbs.

Feed

Dec., 1914. 9.5 to 11 lbs. grain daily of the following mixture: .5 lb. each bran and Syrup Feed, 8.5 lbs. Unicorn Dairy Ration on the 16th and 17th, then 1 lb. bran, .5 lb. Syrup Feed, and 9.5 lbs. Unicorn Dairy Ration; 24 to 30 lbs. ensilage, 10 to 12 lbs. alfalfa hay.
Jan., 1915. 10 lbs. grain daily of 9 lbs. Unicorn Dairy Ration and 1 lb. Syrup Feed to the 6th, then 8.5 to 10.5 lbs. of the following mixture: 150 lbs. bran, 200 lbs. ground oats and corn, 100 lbs. Unicorn Dairy Ration, 50 lbs. cottonseed meal, 75 lbs. oil meal; 30 lbs. ensilage, 4 lbs. alfalfa, 8 lbs. mixed hay.
Feb., 1915. 10 lbs. grain daily of 9 lbs. Unicorn Dairy Ration and 1 lb. Syrup Feed to the 23d, then 9 to 10 lbs. of 150 lbs. each bran and ground (corn and oats), 100 lbs. Unicorn Dairy Ration, 50 lbs. cottonseed meal, 75 lbs. oil meal, 25 lbs. Syrup Feed; 30 lbs. ensilage, 4 lbs. alfalfa, 8 lbs. mixed hay.
Mar., 1915. 11 lbs. grain daily of the following mixture: 100 lbs. each bran and ground (corn and oats), 150 lbs. Unicorn Dairy Ration, 50 lbs. cottonseed meal, 75 lbs. oil meal; 30 lbs. ensilage, 4 lbs. alfalfa, 6 lbs. mixed hay.
Apr., 1915. 11 lbs. Unicorn Dairy Ration daily; 30 lbs. ensilage, 10 lbs. hay.
May, 1915. 11 to 5 lbs. Unicorn Dairy Ration daily; pasture.
June, 1915. 5 to 4 lbs. Unicorn Dairy Ration daily; pasture.
July, 1915. 8.5 to 10 lbs. Unicorn Dairy Ration daily to the 29th, then 9 lbs. grain daily of the following mixture: 50 lbs. bran, 60 lbs. ground corn and oats, 10 lbs. oil meal; pasture.
Aug., 1915. 9 to 8 lbs. grain daily of the following mixture: 30 lbs. bran, 60 lbs. ground corn and oats, 10 lbs. oil meal; pasture to the 24th, then ensilage.
Sept., 1915. 8 to 6.5 lbs. grain daily same mixture as given in August; pasture.
Oct., 1915. 5 to 5.5 lbs. grain daily same mixture as given in August; pasture to the 20th, then 20 lbs. ensilage and 4 lbs. alfalfa hay.
Nov., 1915. 4 lbs. grain daily of the following mixture: 30 lbs. bran, 60 lbs. ground corn and oats, 20 lbs. oil meal; 24 to 30 lbs. ensilage, 4 to 8 lbs. alfalfa, 4 to 5 lbs. mixed hay.
Dec., 1915. Same grain ration as given in November; 30 lbs. ensilage, 6 lbs. alfalfa, 8 lbs. mixed hay.

4160 **Woodlawn's Venus 27352**

Sire Sultan's Solitaire (9905) A. R.
Sire Sultan of Burnside (8114) A. R.
Dam Lilyita (7241).
Dam Venus of Les Vauxbelets 2d (6980).
Sire Cottager (1665).
Dam Venus of Les Vauxbelets (2734).
Breeder Shook Bros., Spring Mills, Pa.
Owner Shook Bros., Spring Mills, Pa.
Born May 25, 1906. *Calved* Sept. 8, 1914. *Served* Aug. 24, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 11782.30 lbs. milk; 564.26 lbs. butter fat.

(Record from Sept. 16, 1914 to Sept. 15, 1915.)
Supervised under one day test by Pennsylvania Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1914,	487.10 lbs.	3.74 %	18.22 lbs.
Oct.,	"	1232.00 "	3.74 "	46.08 "
Nov.,	"	1171.00 "	4.27 "	50.00 "
Dec.,	"	1067.20 "	4.99 "	53.25 "
Jan.,	1915,	1006.90 "	5.21 "	52.46 "
Feb.,	"	895.50 "	5.60 "	50.15 "
Mar.,	"	981.70 "	5.97 "	58.61 "
Apr.,	"	933.60 "	5.27 "	49.20 "
May,	"	975.70 "	5.08 "	49.57 "
June,	"	1027.60 "	4.28 "	43.98 "
July,	"	916.90 "	4.61 "	42.27 "
Aug.,	"	744.70 "	4.33 "	32.25 "
Sept.,	"	342.40 "	5.32 "	18.22 "
Total		11782.30 lbs.	4.78 Av. %	564.26 lbs.

Feed

Sept., 1914. 18 lbs. Unicorn Dairy Ration daily; 40 lbs. green corn, 10 lbs. mixed hay from 1st to 23d then 25 lbs.
Oct., 1914. 18 lbs. grain daily of the following mixture: 2 parts each bran and ground oats, 3.5 parts Unicorn Dairy Ration, 1 part each corn meal, linseed meal, and cottonseed meal; 30 to 35 lbs. mixed hay from 1st to 25th then same amount alfalfa hay.
Nov., 1914. 18 lbs. grain daily of the following mixture: 200 lbs. each bran and ground oats, 100 lbs. each corn meal, cottonseed meal, and linseed meal, 350 lbs. Unicorn Dairy Ration; 20 to 25 lbs. alfalfa hay from 1st to 16th, then 20 lbs. ensilage and 15 lbs. alfalfa hay.
Dec., 1914. 18 lbs. grain daily same mixture as given in November without Unicorn Dairy Ration; 15 to 18 lbs. ensilage, 10 to 15 lbs. alfalfa hay, corn fodder.
Jan., 1915. 18 lbs. grain daily of the following mixture: 200 lbs. each bran and ground oats, 100 lbs. each corn meal, gluten feed, and cottonseed meal; 15 to 18 lbs. each ensilage and alfalfa hay, corn fodder.
Feb., 1915. 18 lbs. grain daily of the following mixture to the 15th, when 350 lbs. of Unicorn Dairy Ration were substituted for 100 lbs. gluten: 200 lbs. each bran and ground oats, 100 lbs. each corn meal, gluten feed, and linseed meal; 20 lbs. ensilage, 12 lbs. alfalfa hay, 8 lbs. corn fodder.
Mar., 1915. 18 lbs. grain daily of the following mixture: 200 lbs. each bran and ground oats, 100 lbs. each corn and cob meal, gluten feed, and linseed meal, 350 lbs. Unicorn Dairy Ration; 20 lbs. corn ensilage, 15 lbs. mixed hay.
Apr., 1915. Same grain ration as given in March except 200 lbs. Unicorn Dairy Ration in mixture instead of 350 lbs.; 18 to 20 lbs. ensilage, 15 lbs. mixed hay.
May, 1915. 15 lbs. grain daily same mixture as given in March; 10 to 12 lbs. mixed hay, pasture.
June, 1915. 15 lbs. grain daily of the following mixture: 2 parts each bran and ground oats, 1 part each (corn and cob) meal and linseed meal; 15 to 18 lbs. green rye, 8 to 10 lbs. mixed hay, pasture.
July, 1915. 12 lbs. grain daily of the following mixture: 200 lbs. each bran and ground oats, 100 lbs. each (corn and cob) meal and linseed meal; green oats, 10 to 12 lbs. mixed hay, pasture.
Aug., 1915. Same grain ration as given in July; 20 lbs. green corn, 8 to 10 lbs. mixed hay.
Sept., 1915. 12 lbs. grain daily of the following mixture: 200 lbs. each bran and ground oats, 100 lbs. each (corn and cob) meal and cottonseed meal; 20 to 25 lbs. green corn, 12 lbs. mixed clover and timothy hay.

4161 **Minnie Minted Gold 40720**

Sire Ruddy Gold (11682).
Sire Rutilant (8399) A. R.
Dam Elsie 3d of Level Green (7965) A. R. 232.
Dam Lois Valentine (22201).
Sire Honest Injun (9043) A. R.
Dam Argie Hayes (3953).
Breeder L. F. Whitcomb, North Adams, Mass.
Owner John S. Ames, North Easton, Mass.
Born Jan. 22, 1912. *Calved* Dec. 13, 1914. *Served* May 15, 1915.
Requirement for admission: 283.20 lbs. butter fat.

Official year's record: 11366.70 lbs. milk; 517.30 lbs. butter fat.

(Record from Dec. 16, 1914 to Dec. 15, 1915.)
Supervised by Massachusetts Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1914,	533.50 lbs.	4.68 %	24.97 lbs.
Jan.,	1915,	1209.50 "	4.68 "	56.60 "
Feb.,	"	1104.00 "	4.44 "	49.02 "
Mar.,	"	1106.70 "	4.49 "	49.69 "
Apr.,	"	1028.10 "	4.54 "	46.68 "
May,	"	1035.20 "	4.81 "	49.79 "
June,	"	956.40 "	4.48 "	42.85 "
July,	"	943.60 "	4.73 "	44.63 "
Aug.,	"	950.40 "	4.23 "	40.20 "
Sept.,	"	813.80 "	4.32 "	35.16 "
Oct.,	"	800.50 "	4.44 "	35.54 "
Nov.,	"	655.80 "	4.64 "	30.43 "
Dec.,	"	229.20 "	5.12 "	11.74 "
Total		11366.70 lbs.	4.55 Av. %	517.30 lbs.

Feed

Dec., 1914. 10 lbs. grain daily of the following mixture: 3 lbs. each bran and ground oats, 1 lb. each hominy and alfalfa meal, 2 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 18 lbs. roots, 20 lbs. ensilage, 8 lbs. hay.
Jan., 1915. 10 to 14 lbs. grain daily of the same mixture as given in December; 4 to 5 lbs. beet pulp from 8th to 31st, 12 lbs. roots, 20 lbs. ensilage, 8 lbs. hay.
Feb., 1915. 14 lbs. grain daily same mixture as given in December; 5 lbs. beet pulp, 12 lbs. roots, 20 lbs. ensilage, 5 lbs. hay.
Mar., 1915. Same grain ration as given in February; 4 lbs. beet pulp, 10 lbs. roots, 20 lbs. ensilage, 9 lbs. hay.
Apr., 1915. 12 lbs. grain daily same mixture as given in December; 3 lbs. beet pulp, 20 lbs. ensilage, 7 lbs. hay.
May, 1915. Same grain ration as given in April; 4 lbs. beet pulp, 20 lbs. ensilage, 7 lbs. hay, grass.
June, 1915. Same grain ration as given in April; 5 lbs. beet pulp, green oats and peas.
July, 1915. 12 lbs. grain daily of the following mixture: 300 lbs. each bran, ground oats, and Ajax Flakes, 100 lbs. each hominy, gluten, and alfalfa meal, 200 lbs. each cottonseed meal and oil meal; 5 lbs. each beet pulp and hay, green oats and peas.
Aug., 1915. 12 lbs. grain daily of the following mixture: 300 lbs. each bran and ground oats, 100 lbs. each gluten, hominy, and alfalfa meal, 200 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 5 lbs. beet pulp, green corn and pasture.
Sept., 1915. Same grain ration as given in August; 4 lbs. beet pulp, 12 lbs. sugar beets, 6 lbs. hay, pasture.
Oct., 1915. Same grain ration as given in August; 4 lbs. beet pulp, 16 lbs. roots, 6 lbs. hay.
Nov., 1915. Same grain ration as given in August; 14 lbs. beets, 25 lbs. ensilage, 7 lbs. hay.
Dec., 1915. 10 lbs. grain daily same mixture as given in August; 18 lbs. roots, 20 lbs. ensilage, 7 lbs. hay.

4162 **Mayflower Marshall 3d 41269**

Sire Imp. Cora's Governor of Chilmark (8971) A. R.
Sire On Guernsey Governor of the Chêne (R. G. A. S. 1297 P. S.) A. R.
Dam Imp. Cora's Queen's Prize IV. (16004) A. R. 143.
Dam Mayflower Marshall (24703) A. R. 1609.
Sire Zac Marshall (9968) A. R.
Dam Mayflower of Woodend (16996).
Breeder Albert C. Loring, Minneapolis, Minn.
Owner Albert C. Loring, Minneapolis, Minn.
Born Mar. 3, 1912. *Calved* Nov. 19, 1914. *Served* Apr. 20, 1915.
Requirement for admission: 276.90 lbs. butter fat.

Official year's record: 7092.60 lbs. milk; 363.24 lbs. butter fat.

(Record from Nov. 23, 1914 to Nov. 22, 1915.)
Supervised by Minnesota Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1914,	150.20 lbs.	4.36 %	6.55 lbs.
Dec.,	"	703.30 "	5.49 "	38.61 "
Jan.,	1915,	806.60 "	5.10 "	41.14 "
Feb.,	"	574.70 "	4.71 "	27.07 "
Mar.,	"	600.70 "	4.67 "	28.05 "
Apr.,	"	564.70 "	4.90 "	27.67 "
May,	"	617.90 "	5.53 "	34.17 "
June,	"	622.60 "	4.89 "	30.45 "
July,	"	597.50 "	4.38 "	26.17 "
Aug.,	"	541.40 "	5.25 "	28.42 "
Sept.,	"	458.20 "	5.31 "	24.33 "
Oct.,	"	424.00 "	5.82 "	24.68 "
Nov.,	"	430.80 "	6.02 "	25.93 "
Total		7092.60 lbs.	5.11 Av. %	363.24 lbs.

Feed

Nov., 1914. 6 lbs. grain daily of the following mixture: 600 lbs. bran, 200 lbs. middlings, 300 lbs. ground barley; ensilage and alfalfa hay.
Dec., 1914. 9 lbs. grain daily of the following mixture: 60 lbs. bran, 10 lbs. each middlings, ground barley, and oil meal, 25 lbs. ground oats, 7 lbs. gluten, 5 lbs. cottonseed meal; 12 lbs. beets, ensilage and alfalfa hay.
Jan., 1915. 9 lbs. grain daily of the following mixture: 100 lbs. bran, 10 lbs. each middlings, gluten, and oil meal, 40 lbs. ground oats, 30 lbs. ground barley, 20 lbs. cottonseed meal; 5 lbs. beets, ensilage and alfalfa hay.
Feb., 1915. 7.5 lbs. grain daily of the following mixture: 200 lbs. bran, 80 lbs. ground oats, 60 lbs. ground barley, 20 lbs. each gluten and oil meal, 40 lbs. cottonseed meal; 10 lbs. beets, 15 to 20 lbs. ensilage, alfalfa hay.
Mar., 1915. 6 lbs. grain daily of the following mixture: 200 lbs. bran, 80 lbs. ground oats, 60 lbs. ground barley, 10 lbs. gluten, 40 lbs. cottonseed meal, 20 lbs. oil meal; 10 lbs. beets, ensilage and alfalfa hay.
Apr., 1915. Same ration as given in March.
May, 1915. Same ration from 1st to 10th as given in March, then 6 lbs. grain daily of the following mixture: 200 lbs. bran, 10 lbs. each middlings and gluten, 80 lbs. ground oats, 90 lbs. ground barley, 20 lbs. oil meal; pasture.
June, 1915. Same ration as given last of May.
July, 1915. 7.5 lbs. grain daily same mixture as given last of May; pasture.
Aug., 1915. Same grain ration as given in July; ensilage, green corn, and alfalfa hay.
Sept., 1915. Same grain ration as given in July; 12 lbs. ensilage, 15 lbs. green corn, alfalfa hay and pasture.
Oct., 1915. 10.5 lbs. grain daily same mixture as given in May; green corn to the 10th then ensilage, alfalfa hay.
Nov., 1915. 9 lbs. grain daily of the following mixture: 300 lbs. bran, 20 lbs. each middlings and gluten, 225 lbs. ground oats, 200 lbs. ground barley, 60 lbs. cottonseed meal, 40 lbs. oil meal; 15 to 20 lbs. beets, 25 to 30 lbs. ensilage, alfalfa hay.

4163 **Imp. Violet VII. of Corbinez 44184**

Sire On Guernsey Governor of the Chêne (R. G. A. S. 1297 P. S.) A. R.
Sire On Guernsey Compact (R. G. A. S. 1076 P. S.).
Dam On Guernsey Richesse du Chêne VIII. (R. G. A. S. 4004 P. S.).
Dam On Guernsey Violet of Corbinez (R. G. A. S. 5661 P. S.).
Sire On Guernsey Romulus X. (R. G. A. S. 1286 P. S.) A. R.
Dam On Guernsey Violet du Guilbert (R. G. A. S. 4639 P. S.).
Breeder J. Bourgaize, Island of Guernsey.
Owner James H. Cooper, Courtenay, N. Dak.
Born Jan. 2, 1912. *Calved* Aug. 23, 1914. *Served* Mar. 26, 1915.
Requirement for admission: 274.60 lbs. butter fat.

Official year's record: 9534.30 lbs. milk; 450.81 lbs. butter fat.

Supervised under one day test by North Dakota Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1914,	877.90 lbs.	4.00 %	35.12 lbs.
Oct.,	"	907.30 "	4.31 "	39.10 "
Nov.,	"	812.70 "	4.24 "	34.46 "
Dec.,	"	789.90 "	4.17 "	32.94 "
Jan.,	1915,	749.60 "	4.55 "	34.11 "
Feb.,	"	676.00 "	5.24 "	35.42 "
Mar.,	"	771.40 "	5.26 "	40.58 "
Apr.,	"	792.40 "	5.12 "	40.57 "
May,	"	818.10 "	5.21 "	42.62 "
June,	"	784.40 "	4.86 "	38.12 "
July,	"	790.20 "	5.13 "	40.54 "
Aug.,	"	764.40 "	4.87 "	37.23 "
Total		9534.30 lbs.	4.73 Av. %	450.81 lbs.

Feed

Sept., 1914. 10 lbs. grain daily of the following mixture: 2.25 lbs. bran, 6.75 lbs. ground oats, .5 lb. each cottonseed meal and oil meal; 10 lbs. ensilage from 24th to 30th, 6 lbs. green alfalfa from 20th to 30th, green corn, pasture to the 10th then alfalfa hay.
Oct., 1914. 12 to 11 lbs. grain daily of the following mixture: 2 lbs. bran, 8 to 5.5 lbs. ground oats, 2.5 lbs. ground barley from 28th to 31st, 1 lb. each cottonseed meal and oil meal to the 15th then .5 lb.; 15 lbs. ensilage, 10 lbs. alfalfa hay.
Nov., 1914. 12 lbs. grain daily of the following mixture: 2 lbs. bran, 4 lbs. each ground oats and ground barley, 1 lb. each cottonseed meal and oil meal; 15 lbs. ensilage, 10 lbs. alfalfa hay.
Dec., 1914. Same ration as given in November.
Jan., 1915. Same ration as given in November.
Feb., 1915. Same ration as given in November.
Mar., 1915. 11.5 lbs. grain daily of the following mixture: 2 lbs. bran, 4 lbs. each ground oats and ground barley, .75 lb. each cottonseed meal and oil meal; 25 lbs. ensilage, 8 lbs. alfalfa hay.
Apr., 1915. 12 lbs. grain daily of the following mixture: 2 lbs. bran, 4 lbs. each ground oats and ground barley, 1 lb. each cottonseed meal and oil meal; 25 lbs. ensilage, 8 lbs. alfalfa hay.
May, 1915. 12 lbs. grain daily of the following mixture: 5 lbs. each ground oats and ground barley, 1 lb. each cottonseed meal and oil meal; 25 lbs. ensilage and 8 lbs. alfalfa hay to the 15th, then 10 lbs. ensilage and 4 lbs. hay with pasture.
June, 1915. 11.5 lbs. grain daily of the following mixture: 2 lbs. bran, 4 lbs. each ground oats and ground barley, 1.5 lbs. oil meal; 10 lbs. ensilage, green alfalfa and pasture.
July, 1915. 12 lbs. grain daily of the following mixture: 2 lbs. each bran and oil meal, 4 lbs. each ground oats and ground barley; 6 lbs. ensilage, green alfalfa, oats, and grass, pasture three hours daily.
Aug., 1915. Same ration as given in July.

4164 Governor's Auricle of Elmwood 42365

Sire Imp. Vazon's Sequel's Governor (20927).
Sire On Guernsey Justinée's Sequel of the Préel (R. G. A. S. 2119 P. S.) A. R.
Dam Imp. Vazon Rose II. (28571) A. R. 1676.
Dam Standard's Auricle (38722).
Sire Richmond Standard (13661).
Dam Casterilius's Auricle (28603) A. R. 1675.
Breeder Ralph Tratt, Whitewater, Wis.
Owner E. S. Person, Minot, N. Dak.
Born Oct. 20, 1912. *Calved* Dec. 13, 1914. *Served* May 29, 1915.
Requirement for admission: 256.00 lbs. butter fat.

Official year's record: 9766.30 lbs. milk; 469.35 lbs. butter fat.

(Record from Dec. 15, 1914 to Dec. 14, 1915.)
Supervised under one day test by North Dakota Agricultural Experiment Station.

Year's Record		Milk	Butter Fat	
Dec.,	1914,	333.40 lbs.	6.25 %	20.84 lbs.
Jan.,	1915,	903.10 "	4.41 "	39.83 "
Feb.,	"	842.70 "	4.28 "	36.07 "
Mar.,	"	910.50 "	4.16 "	37.88 "
Apr.,	"	834.40 "	4.69 "	39.13 "
May,	"	880.20 "	4.90 "	43.13 "
June,	"	905.10 "	4.57 "	41.36 "
July,	"	910.10 "	4.56 "	41.50 "
Aug.,	"	825.00 "	4.38 "	36.14 "
Sept.,	"	766.20 "	5.59 "	42.83 "
Oct.,	"	720.40 "	5.95 "	42.86 "
Nov.,	"	637.40 "	4.73 "	30.15 "
Dec.,	"	297.80 "	5.91 "	17.63 "
Total		9766.30 lbs.	4.81 Av. %	469.35 lbs.

Feed

Dec., 1914. 4 lbs. grain daily of the following mixture: 2 lbs. bran, 1 lb. ground oats, .5 lb. each ground barley and oil meal; 10 lbs. ensilage, 8 lbs. alfalfa hay.
Jan., 1915. 7 lbs. grain daily to the 5th, 8 lbs. from the 6th to the 10th, then 9 lbs. of the following mixture: 2 lbs. each bran, ground barley, and oil meal, 4 lbs. ground oats; 20 lbs. ensilage to the 15th then 22 lbs., corn stover, 8 lbs. alfalfa, a little prairie hay.
Feb., 1915. 9 lbs. grain daily same mixture as given in January; 24 lbs. ensilage, 6 lbs. alfalfa, 2 lbs. mixed hay.
Mar., 1915. 10 lbs. grain daily same mixture as given in January; 25 lbs. ensilage, 8 lbs alfalfa hay.
Apr., 1915. 10 lbs. grain daily of the following mixture: 3 lbs. bran, 2 lbs. each ground corn, ground oats, ground barley, and oil meal; 28 lbs. ensilage and 8 lbs. alfalfa hay to the 15th, then 24 lbs. ensilage and pasture.
May, 1915. 9 lbs. grain daily same mixture as given in April; 12 lbs. ensilage, alfalfa and pasture.
June, 1915. Same grain ration as given in May; 10 lbs. ensilage, green feed, hay, and pasture.
July, 1915. 9 lbs. grain daily of the following mixture: 4 lbs. bran, 2 lbs. each ground oats, ground barley, and oil meal; 10 lbs. ensilage, alfalfa and pasture.
Aug., 1915. 8 lbs. grain daily same mixture as given in July; 12 lbs. ensilage, green corn and alfalfa hay.
Sept., 1915. 9 lbs. grain daily of the same mixture as given in July; 22 lbs. ensilage, corn fodder, alfalfa hay, and pasture.
Oct., 1915. 8 lbs. grain daily of the following mixture: 2 lbs. each bran and oil meal, 4 lbs. each ground oats and ground barley, 6 lbs. wheat; 25 lbs. ensilage, alfalfa hay.
Nov., 1915. Same grain ration as given in October; 30 lbs. ensilage, alfalfa hay.
Dec., 1915. 9 lbs. grain daily same mixture as given in October; 30 lbs. ensilage, alfalfa hay.

4165 La Rue du Jean Du Luth 42022

Sire Robiana's Standard (7254) A. R.
Sire Wolfram (5640) A. R.
Dam Robiana (9182).
Dam Imp. Lizette IV. of the Spurs (28366) A. R. 2272.
Sire Imp. Lord Mar (14359) A. R.
Dam Imp. Lizette I. of the Spurs (35334).
Breeder The Jean Du Luth Co., Duluth, Minn.
Owner Jean Du Luth Farm, Inc., Duluth, Minn.
Born Apr. 26, 1912. *Calved* Dec. 22, 1914. *Served* June 26, 1915.
Requirement for admission: 274.90 lbs. butter fat.

Official year's record: 13363.60 lbs. milk; 585.28 lbs. butter fat.

(Record from Dec. 27, 1914 to Dec. 26, 1915.)
Supervised by Minnesota Agricultural Experiment Station.

Year's Record		Milk	Butter Fat	
Dec.,	1914,	120.20 lbs.	4.50 %	5.41 lbs.
Jan.,	1915,	1210.60 "	4.50 "	54.48 "
Feb.,	"	1117.60 "	3.86 "	43.14 "
Mar.,	"	1269.20 "	3.97 "	50.39 "
Apr.,	"	1282.70 "	4.34 "	55.67 "
May,	"	1344.30 "	4.25 "	57.13 "
June,	"	1302.20 "	4.43 "	57.69 "
July,	"	1207.80 "	4.29 "	51.81 "
Aug.,	"	1102.90 "	4.11 "	45.33 "
Sept.,	"	1029.40 "	4.72 "	48.59 "
Oct.,	"	999.90 "	4.68 "	46.80 "
Nov.,	"	721.60 "	5.00 "	36.08 "
Dec.,	"	655.20 "	5.00 "	32.76 "
Total		13363.60 lbs.	4.38 Av. %	585.28 lbs.

Feed

Dec., 1914. 8 lbs. grain daily of the following mixture: 3 parts bran, 1 part each corn meal, ground barley, Ajax Flakes, gluten, cottonseed meal, and oil meal; 25 lbs. each rutabagas and ensilage, mixed hay.
Jan., 1915. 10 lbs. grain daily of the following mixture: 3 parts bran, 1 part each corn meal, ground barley, Ajax Flakes, and gluten, 2 parts oil meal; 30 lbs. rutabagas, 25 lbs. ensilage, mixed hay.
Feb., 1915. 12 lbs. grain daily of the following mixture: 3 parts bran, 1 part each corn meal, ground barley, Ajax Flakes, Brewers' Grains, gluten, cottonseed meal, and oil meal; 30 lbs. each rutabagas and ensilage, mixed hay.
Mar., 1915. 14 lbs. grain daily same mixture as given in February except no ground barley; 30 lbs. each rutabagas and ensilage, mixed hay.
Apr., 1915. 14 lbs. grain daily of the following mixture: 3 parts bran, 1 part each Ajax Flakes, Brewers' Grains, gluten, cottonseed meal, and oil meal, 2 parts Schumacher Feed; 35 lbs. ensilage, mixed hay.
May, 1915. 16 lbs. grain daily same mixture as given in April except no Brewers' Grains; 30 lbs. ensilage, hay.
June, 1915. 15 lbs. grain daily of the following mixture: 3 parts bran, 1 part each Ajax Flakes, gluten, and cottonseed meal, 2 parts Schumacher Feed, 1.5 parts oil meal; mixed hay and pasture.
July, 1915. 13 lbs. grain daily of the following mixture: 3 parts bran, 1 part each Ajax Flakes and gluten, 2 parts each Schumacher Feed and oil meal; mixed hay and pasture.
Aug., 1915. 14 lbs. grain daily same mixture as given in June; mixed hay and pasture.
Sept., 1915. 13 lbs. grain daily same mixture as given in June; 10 lbs. rutabagas, hay.
Oct., 1915. 14 lbs. grain daily same mixture as given in July; 28 lbs. rutabagas, mixed hay.
Nov., 1915. Same grain ration as given in July; 25 lbs. rutabagas, hay.
Dec., 1915. Same grain ration as given in July; rutabagas and hay.

4166 Red Clover O. D. 43697

Sire Beda's May King (11893) A. R.
Sire Imp. May Rose King (8336) A. R.
Dam Sheet Anchor's Beda (18228) A. R. 643.
Dam Clover Leaf of Sunnyside (16546) A. R. 2430.
Sire Cadet of Locktown (7176).
Dam Clover Blossom of Sunnyside (9929).
Breeder Delaware College, Newark, Del.
Owner Delaware College, Newark, Del.
Born Aug. 29, 1912. *Calved* Jan. 25, 1915. *Served* Aug. 22, 1915.
Requirement for admission: 266.00 lbs. butter fat.

Official year's record: 8817.50 lbs. milk; 476.32 lbs. butter fat.

Supervised by Delaware Agricultural Experiment Station.

Year's Record		Milk	Butter Fat	
Feb.,	1915,	731.40 lbs.	4.42 %	32.33 lbs.
Mar.,	"	933.40 "	4.92 "	45.92 "
Apr.,	"	897.10 "	4.90 "	43.96 "
May,	"	881.00 "	5.28 "	46.52 "
June,	"	776.30 "	5.65 "	43.86 "
July,	"	785.20 "	5.30 "	41.62 "
Aug.,	"	713.70 "	5.26 "	37.54 "
Sept.,	"	624.20 "	5.56 "	34.71 "
Oct.,	"	648.30 "	5.59 "	36.24 "
Nov.,	"	629.30 "	5.98 "	37.63 "
Dec.,	"	617.00 "	6.18 "	38.13 "
Jan.,	1916,	580.60 "	6.52 "	37.86 "
Total		8817.50 lbs.	5.40 Av. %	476.32 lbs.

Feed

Feb., 1915. 8 lbs. grain daily of the following mixture: 200 lbs. each bran and hominy, 125 lbs. Brewers' Grains, 75 lbs. cottonseed meal, 50 lbs. oil meal, 100 lbs. beet pulp; 3 lbs. beet pulp, 25 lbs. ensilage, 8 lbs. soy bean hay.
Mar., 1915. 11.5 lbs. grain daily same mixture as given in February; 1.5 lbs. molasses, 4 lbs. beet pulp, 25 lbs. ensilage, 8 lbs. alfalfa hay.
Apr., 1915. 12 lbs. grain daily same mixture as given in February; same roughage as given in March.
May, 1915. 11.5 lbs. grain daily same mixture as given in February; 1.5 lbs. molasses, 4 lbs. beet pulp, 25 lbs. ensilage, 6 lbs. soy bean hay.
June, 1915. Same grain ration as given in March; 1.5 lbs. molasses, 4 lbs. beet pulp, 20 lbs. ensilage, 6 lbs. alfalfa hay.
July, 1915. Same grain ration as given in May; 1.5 lbs. molasses, 4 lbs. beet pulp, 30 lbs. ensilage, 8 lbs. alfalfa hay.
Aug., 1915. 11 lbs. grain daily of the following mixture: 200 lbs. each bran and hominy, 50 lbs. each gluten meal, cottonseed meal, and oil meal, 100 lbs. gluten feed, 150 lbs. beet pulp; 1.5 lbs. molasses, 3 lbs. beet pulp, 25 lbs. ensilage, 8 lbs. alfalfa hay.
Sept., 1915. Same grain ration as given in August; 1.5 lbs. molasses, 3 lbs. beet pulp, 30 lbs. ensilage, 8 lbs. alfalfa hay.
Oct., 1915. 10 lbs. grain daily of the same mixture as given in September; same roughage.
Nov., 1915. Same ration as given in October.
Dec., 1915. Same ration as given in October.
Jan., 1916. Same grain ration as given in October; 1.5 lbs. molasses, 3 lbs. beet pulp, 25 lbs. ensilage, 8 lbs. alfalfa hay.

4167 **Lucretia Rose of Waumesit 29511**

Sire Modena's Yeoman of Langwater (10764) A. R.
Sire Imp. Yeoman (8618) A. R.
Dam Modena (11779) A. R. 67.
Dam Lucretia's Glenwood Girl of Haddon (16240).
Sire Glenwood's Main Stay (6067) A. R.
Dam Lucretia of Haddon (10831) A. R. 4.
Breeder R. F. & A. H. Parker, Westboro, Mass.
Owner T. P Lindsay, Southboro, Mass.
Born Feb. 27, 1909. *Calved* Sept. 26. 1914.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 8495.74 lbs. milk; 469.86 lbs. butter fat.

Supervised by Massachusetts Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1914,	1059.94 lbs.	5.03 %	53.31 lbs.
Jan.,	1915,	1003.60 "	5.03 "	50.48 "
Feb.,	"	806.40 "	5.19 "	41.85 "
Mar.,	"	794.30 "	5.91 "	46.94 "
Apr.,	"	757.10 "	5.65 "	42.78 "
May,	"	777.20 "	5.86 "	45.54 "
June,	"	756.50 "	5.54 "	41.91 "
July,	"	692.70 "	5.81 "	40.25 "
Aug.,	"	671.50 "	5.48 "	36.80 "
Sept.,	"	590.50 "	5.80 "	34.25 "
Oct.,	"	586.00 "	6.10 "	35.75 "
Nov.,	"	No record given.		
Total		8495.74 lbs.	5.53 Av. %	469.86 lbs.

Feed

Dec., 1914. 14 lbs. grain daily of the following mixture: 5 lbs. ground oats, 7 lbs. Unicorn Dairy Ration, 2 lbs. gluten; 12 lbs. mangels, 35 lbs. ensilage, 5 lbs. alfalfa hay.
Jan., 1915. 10.5 lbs. grain daily of the following mixture: 3 lbs. ground oats, 6 lbs. Unicorn Dairy Ration, 1.5 lbs. gluten; 8 lbs. roots, 25 lbs. ensilage, 5 lbs. hay.
Feb., 1915. 17 lbs. grain daily of the following mixture: 7 lbs. each ground oats and Unicorn Dairy Ration, 3 lbs. gluten; 35 lbs. ensilage, 8 lbs. hay.
Mar., 1915. 17 lbs. grain daily of the following mixture: 7 lbs. each ground oats and Unicorn Dairy Ration, 3 lbs. gluten; 35 lbs. ensilage, 8 lbs. hay.
Apr., 1915. 18 lbs. grain daily of the following mixture: 3 lbs. each corn meal and cottonseed meal, 6 lbs. each ground oats and mixed feed; 12 lbs. each beet pulp and ensilage, pasture.
May, 1915. Same grain ration as given in April; 12 lbs. beet pulp, pasture.
June, 1915. Same ration as given in May.
July, 1915. 16 lbs. grain daily of the following mixture: 3 lbs. each bran and cottonseed meal, 5 lbs. each ground oats and mixed feed; 8 lbs. beet pulp, pasture.
Aug., 1915. 16 lbs. grain daily of the following mixture: 3 lbs. each corn meal and cottonseed meal, 6 lbs. ground oats, 4 lbs. mixed feed; 7 lbs. beet pulp, pasture.
Sept., 1915. Same ration as given in August.
Oct., 1915. Same ration as given in August.
Nov., 1915. No record.

4168 **Royal's Flower of Thorn Hill 41655**

Sire Jewel's Royal Combination of Wawa (15655).
Sire Imp. France's Jewel V. (11396) A. R.
Dam Jewel of Haddon (11259) A. R. 92.
Dam Bloomfield Fleurie (22342) A. R. 1833.
Sire Imp. France's Jewel VII. (10564) A. R.
Dam Imp. Fleurie IX. (19676).
Breeder August Ziesing, Deerfield, Ill.
Owner August Ziesing, Deerfield, Ill.
Born Aug. 6, 1912. *Calved* Jan. 16, 1915. *Served* July 3, 1915.
Requirement for admission: 267.40 lbs. butter fat.

Official year's record: 8690.50 lbs. milk; 465.75 lbs. butter fat.

(Record from Jan. 23, 1915 to Jan. 22, 1916.)
Supervised by Illinois Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	279.10 lbs.	5.81 %	16.22 lbs.
Feb.,	"	886.20 "	4.71 "	41.74 "
Mar.,	"	939.60 "	5.17 "	48.58 "
Apr.,	"	836.70 "	5.03 "	42.09 "
May,	"	784.90 "	5.29 "	41.52 "
June,	"	745.70 "	4.79 "	35.72 "
July,	"	736.30 "	5.39 "	39.69 "
Aug.,	"	685.60 "	5.42 "	37.16 "
Sept.,	"	648.80 "	5.58 "	36.20 "
Oct.,	"	631.40 "	5.74 "	36.24 "
Nov.,	"	569.20 "	5.49 "	31.25 "
Dec.,	"	557.10 "	6.13 "	34.15 "
Jan.,	1916,	389.90 "	6.46 "	25.19 "
Total		8690.50 lbs.	5.36 Av. %	465.75 lbs.

Feed

Jan., 1915. 12 lbs. grain daily of the following mixture: 4 lbs. each bran and corn meal, 2 lbs. ground oats, .5 lb. cottonseed meal, 1.5 lbs. oil meal; 30 lbs. ensilage, clover hay.
Feb., 1915. Same ration as given in January.
Mar., 1915. 11 lbs. grain daily of the following mixture: 3.5 lbs. each bran and corn meal, 2.5 lbs. ground oats, 1 lb. cottonseed meal, .5 lb. oil meal; 30 lbs. ensilage, alfalfa hay.
Apr., 1915. 10 lbs. grain daily of the following mixture: 3 lbs. bran, 5.5 lbs. corn meal, 1 lb. cottonseed meal, .5 lb. oil meal; 30 lbs. ensilage, alfalfa hay.
May, 1915. 9 lbs. grain daily of the following mixture: 2.5 lbs. bran, 4.5 lbs. corn meal, 1.5 lbs. cottonseed meal, .5 lb. oil meal; alfalfa and pasture.
June, 1915. 9 lbs. grain daily of the following mixture: 2.5 lbs. bran, 5 lbs. corn meal, 1 lb. cottonseed meal, .5 lb. oil meal; alfalfa and pasture.
July, 1915. 9 lbs. grain daily of the following mixture: 2.5 lbs. bran, 3.5 lbs. corn meal, 1 lb. cottonseed meal, .5 lb. oil meal, 1.5 lbs. molasses feed; alfalfa and pasture.
Aug., 1915. 8 lbs. grain daily of the following mixture: 3.5 lbs. each bran and molasses feed, .75 lb. cottonseed meal, .25 lb. oil meal; clover hay and pasture.
Sept., 1915. 7 lbs. grain daily of the following mixture: 500 lbs. each bran and Arcady Dairy Feed, 100 lbs. cottonseed meal, 50 lbs. oil meal; clover hay and pasture.
Oct., 1915. 9 lbs. grain daily of the following mixture: 500 lbs. each bran and ground (corn and oats), 100 lbs. each cottonseed meal and oil meal; corn fodder, clover hay, and pasture.
Nov., 1915. Same grain ration as given in October; 30 lbs. ensilage, corn fodder and clover hay.
Dec., 1915. 8 lbs. grain daily of the following mixture: 400 lbs. bran, 600 lbs. ground corn and oats, 50 lbs. cottonseed meal, 100 lbs. oil meal; 30 lbs. ensilage, corn fodder, alfalfa and clover hay.
Jan., 1916. Same ration as given in December.

4169 **Masher's Pride 43878**

Sire Masher's Masher (13147).
Sire Imp. France's Masher 2d (7248) A. R.
Dam France's Milk Maid (15341) A. R. 825.
Dam Pride of Place (22284) A. R. 1791.
Sire Imp. May Rose King (8336) A. R.
Dam Pride of Birth (18443) A. R. 641.
Breeder S. M. Shoemaker, Eccleston, Md.
Owner S. M. Shoemaker, Eccleston, Md.
Born Sept. 9, 1912. *Calved* Feb. 26, 1915. *Served* Sept. 24, 1915.
Requirement for admission: 267.90 lbs. butter fat.

Official year's record: 7090.30 lbs. milk; 384.27 lbs. butter fat.

(Record from Mar. 3, 1915 to Mar. 2, 1916.)
Supervised by Maryland Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Mar.,	1915,	848.80 lbs.	5.20 %	44.14 lbs.
Apr.,	"	866.00 "	4.46 "	38.62 "
May,	"	860.40 "	5.07 "	43.62 "
June,	"	749.40 "	5.43 "	40.69 "
July,	"	721.50 "	5.23 "	37.73 "
Aug.,	"	688.90 "	5.02 "	34.58 "
Sept.,	"	615.60 "	5.49 "	33.80 "
Oct.,	"	667.20 "	6.25 "	41.70 "
Nov.,	"	645.50 "	6.39 "	41.25 "
*Dec.,	"	427.00 "	6.59 "	28.14 "
Jan.,	1916,	No record.		
Feb.,	"	" "		
Mar.,	"	" "		
Total		7090.30 lbs.	5.42 Av. %	384.27 lbs.

*8 days lacking in December.

Feed

Mar., 1915. 7.5 lbs. grain daily, 6 lbs. of the following mixture with .5 lb. oil meal and 1 lb. molasses added: 200 lbs. bran, 50 lbs. each middlings, hominy chop, Ajax Flakes, and flaxseed meal, 150 lbs. crushed oats, 20 lbs. salt; 2 lbs. beet pulp, 10 lbs. each roots and alfalfa hay, 20 lbs. ensilage.
Apr., 1915. 8 lbs. grain daily, 6 lbs. same mixture as given in March with .5 lb. each bran and oil meal, and 1 lb. molasses added; 2 lbs. beet pulp, 8 lbs. roots, 20 lbs. ensilage, 10 lbs. alfalfa hay.
May, 1915. Same ration as given in April.
June, 1915. 9 lbs. grain daily, 7 lbs. same mixture as given in March with .5 lb. each bran and oil meal, and 1 lb. molasses added; 4 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. green alafalfa, 12 lbs. alfalfa hay.
July, 1915. 10 lbs. grain daily, 7.5 lbs. same mixture as given in March with .5 lb. each bran, cottonseed meal, and oil meal, and 1 lb. molasses added; 5 lbs. beet pulp, 10 lbs. green alfalfa, 8 lbs. alfalfa hay.
Aug., 1915. Same grain ration as given in July; 5 lbs. beet pulp, 15 lbs. green corn, 10 lbs. green alfalfa, 5 lbs. alfalfa hay.
Sept., 1915. 9 lbs. grain daily, 6 lbs. same mixture as given in March with 1 lb. each bran, oil meal, and molasses added; 2 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. alfalfa hay.
Oct., 1915. 10.5 lbs. grain daily, 7.5 lbs. of the following mixture with 1 lb. each bran, oil meal, and molasses added: 200 lbs. bran, 50 lbs. each hominy chop, Ajax Flakes, gluten, and flaxseed meal, 150 lbs. ground oats, 20 lbs. salt; 2 lbs. each beet pulp and roots, 25 lbs. ensilage, 10 lbs. alfalfa hay.
Nov., 1915. 11 lbs. grain daily, 6 lbs. same mixture as given in March with 1.5 lbs. each bran and oil meal, and 2 lbs. molasses added; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa hay.
Dec., 1915. 12 lbs. grain daily, 5.5 lbs. of the same mixture as given in March with 1 lb. bran, 3 lbs. Larro Feed, .5 lb. oil meal, and 2 lbs. molasses added; 2 lbs. beet pulp, 15 lbs. ensilage, 8 lbs. alfalfa hay.
Jan., 1916. No record.
Feb., 1916. No record.
Mar., 1916. No record.

4170 **Dorena of the Elms 33915**

Sire Josephine Elmhurst's Goldheels (11780).
Sire Goldheels (8321).
Dam Josephine Elmhurst (14572).
Dam Cyrilda (16683).
Sire Governor Stonecrest (6487) A. R.
Dam Silene (7803).
Breeder F. T. Wheeler, Great Barrington, Mass.
Owner C. T. Bundy, Eau Claire, Wis.
Born July 3, 1910. *Calved* Jan. 12, 1915. *Served* Aug. 21, 1915.
Requirement for admission: 343.50 lbs. butter fat.

Official year's record: 7028.60 lbs. milk; 355.58 lbs. butter fat.

(Record from Jan. 20, 1915 to Jan. 19, 1916.)
Supervised under one day test by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	327.40 lbs.	4.47 %	14.63 lbs.
Feb.,	"	769.70 "	4.47 "	34.41 "
Mar.,	"	818.60 "	4.01 "	32.83 "
Apr.,	"	752.40 "	5.69 "	42.81 "
May,	"	732.40 "	4.71 "	34.50 "
June,	"	690.50 "	5.13 "	35.42 "
July,	"	625.30 "	5.76 "	36.02 "
Aug.,	"	612.70 "	5.19 "	31.80 "
Sept.,	"	395.40 "	5.84 "	23.09 "
Oct.,	"	417.60 "	4.85 "	20.25 "
Nov.,	"	361.10 "	5.66 "	20.44 "
Dec.,	"	327.00 "	5.59 "	18.28 "
Jan.,	1916,	198.50 "	5.59 "	11.10 "
Total		7028.60 lbs.	5.06 Av. %	355.58 lbs.

Feed

Jan., 1915. 9.5 to 10.5 lbs. grain daily of the following amounts: 20 lbs. bran, 93 lbs. Unicorn Dairy Ration, 7 lbs. Syrup Feed; 24 to 28 lbs. ensilage, 4 lbs. alfalfa, 8 lbs. mixed hay.
Feb., 1915. 10 lbs. grain daily from 1st to 23d of the following amounts: 9 lbs. Unicorn Dairy Ration and 1 lb. Syrup Feed, then 9 to 10 lbs. of the following mixture: 150 lbs. each bran and ground (corn and oats), 100 lbs. Unicorn Dairy Ration, 50 lbs. cottonseed meal, 75 lbs. oil meal, 25 lbs. Syrup Feed; 30 lbs. ensilage, 4 lbs. alfalfa, 8 lbs. mixed hay.
Mar., 1915. 11 lbs. grain daily of the following mixture: 100 lbs. each bran and ground (corn and oats), 150 lbs. Unicorn Dairy Ration, 50 lbs. cottonseed meal, 75 lbs. oil meal; 30 lbs. ensilage, 4 lbs. alfalfa, 6 lbs. mixed hay.
Apr., 1915. 11 lbs. Unicorn Dairy Ration daily; 30 lbs. ensilage, 10 lbs. hay.
May, 1915. 11 reduced to 5 lbs. Unicorn Dairy Ration daily; pasture.
June, 1915. 5 to 4 lbs. Unicorn Dairy Ration daily; pasture.
July, 1915. 9 increased to 10 lbs. Unicorn Dairy Ration to the 28th, then 9 lbs. grain daily of the following mixture: 50 lbs. bran, 60 lbs. ground corn and oats, 10 lbs. oil meal; pasture.
Aug., 1915. 9 reduced to 6 lbs. grain daily (total of 241 lbs.) of the following mixture: 30 lbs. bran, 60 lbs. ground corn and oats, 10 lbs. oil meal; pasture.
Sept., 1915. 1 increased to 4.5 lbs. grain daily, total of 80 lbs., of the same mixture as given in August; pasture.
Oct., 1915. 4 lbs. grain daily same mixture as given in August; 20 lbs. ensilage and 4 lbs. alfalfa hay from 20th to 31st, pasture.
Nov., 1915. 5 lbs. grain daily of the following mixture: 30 lbs. bran, 60 lbs. ground corn and oats, 20 lbs. oil meal; 24 to 30 lbs. ensilage, 6 to 8 lbs. alfalfa, 4 lbs. mixed hay.
Dec., 1915. 4 to 5 lbs. grain daily same mixture as given in November; 30 lbs. ensilage, 6 lbs. alfalfa, 8 lbs. mixed hay.
Jan., 1916. Same grain ration as given in November; 30 lbs. ensilage, 5 lbs. alfalfa, 7 lbs. mixed hay.

4171 **Ruby Bell's Pride of Iowa 43361**

Sire Dairymaid's Pride of Iowa (14941) A. R.
Sire Stranford's Glenwood of Pinehurst (13609) A. R.
Dam Dairymaid of Pinehurst (24656) A. R. 843.
Dam Imp. Ruby Bell III. (37749) A. R. 2478.
Sire Imp. Lord Mar (14359) A. R.
Dam On Guernsey Ruby Bell (R. G. A. S. 2967 F. S.).
Breeder W. W. Marsh, Waterloo, Iowa.
Owner W. W. Marsh, Waterloo, Iowa.
Born Sept. 11, 1912. *Calved* Dec. 7, 1914.
Requirement for admission: 261.60 lbs. butter fat.

Official year's record: 6343.60 lbs. milk; 349.27 lbs. butter fat.

Supervised under one day test by Iowa Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	679.10 lbs.	5.33 %	36.20 lbs.
Feb.,	"	611.50 "	5.10 "	31.19 "
Mar.,	"	632.70 "	5.71 "	36.13 "
Apr.,	"	556.70 "	5.49 "	30.56 "
May,	"	546.40 "	5.60 "	30.60 "
June,	"	460.80 "	5.43 "	25.02 "
July,	"	508.60 "	5.11 "	25.99 "
Aug.,	"	469.30 "	5.59 "	26.23 "
Sept.,	"	429.00 "	5.56 "	23.85 "
Oct.,	"	455.60 "	5.75 "	26.20 "
Nov.,	"	493.40 "	5.71 "	28.17 "
Dec.,	"	500.50 "	5.82 "	29.13 "
Total		6343.60 lbs.	5.51 Av. %	349.27 lbs.

Feed

Jan., 1915. 12 lbs. grain daily of the following mixture: 2 lbs. each bran, Unicorn Dairy Ration, and Ajax Flakes, 3 lbs. ground oats, 1 lb. each gluten, oil meal, and molassine meal; 15 lbs. beets, 30 lbs. ensilage, 3 lbs. alfalfa hay.
Feb., 1915. Same grain ration as given in January; 3 lbs. each beet pulp and alfalfa hay, 30 lbs. ensilage.
Mar., 1915. 9 lbs. grain daily of the following mixture: 2 lbs. each bran, ground oats, and Unicorn Dairy Ration, .5 lb. each gluten and oil meal, 1 lb. each cottonseed meal and molassine meal; 1 lbs. beets, 4 lbs. each beet pulp and alfalfa hay, 30 lbs ensilage.
Apr., 1915. Same ration as given in March.
May, 1915. 7 lbs. grain daily of the following mixture: 1 lb. each bran, ground oats, Ajax Flakes, Schumacher Feed, Unicorn Dairy Ration, and molassine meal, .5 lb. each gluten and oil meal; 2 lbs. alfalfa hay, pasture.
June, 1915. 8 lbs. grain daily of the following mixture: 1 lb. each bran, Ajax Flakes, Unicorn Dairy Ration, and molassine meal, 1.5 lbs. ground oats, 2 lbs. Schumacher Feed, .5 lb. oil meal; green oats and peas, green alfalfa, 2 lbs. hay.
July, 1915. Same ration as given in June.
Aug., 1915. 8 lbs. grain daily of the following mixture: 2 lbs. bran, 3 lbs. ground oats, 1 lb. each ground barley and Schumacher Feed, .5 lb. each gluten and oil meal; green alfalfa and Sudan grass, 2 lbs. hay.
Sept., 1915. 8 lbs. grain daily of the following mixture: 2 lbs. bran, 1 lb. each ground oats, ground barley, Schumacher Feed, Ajax Flakes, oil meal, and molassine meal; green alfalfa, corn, and Sudan grass.
Oct., 1915. 7 lbs. grain daily of the following mixture: 2 lbs. each bran and ground oats, 1 lb. each Ajax Flakes, Schumacher Feed, and molassine meal; 10 lbs. green corn to the 10th then 15 lbs. beets, 8 lbs. hay.
Nov., 1915. 6 lbs. grain daily of the following mixture: 2 lbs. each bran and ground oats, 1 lb. Ajax Flakes, .5 lb. each cottonseed meal and oil meal; 15 lbs. beets, 10 lbs. alfalfa hay.
Dec., 1915. 7 lbs. grain daily of the following mixture: 2 lbs. bran, 1.5 lbs. each ground oats and Ajax Flakes, 1 lb. Schumacher Feed, .5 lb. each cottonseed meal and oil meal; 10 lbs. each beets and hay.

4172 Sue Anna 43270

Sire Duke of Rib Hill (17203).
Sire Duke of Wausau (12103).
Dam Imp. Rib Hill Geddis (25051).
Dam Fesdo's Susie (17229) A. R. 805.
Sire Robiana's Standard (7254) A. R.
Dam Fesdo (9072).
Breeder Fred C. Clow, New Lisbon, Wis.
Owner Fred C. Clow, New Lisbon, Wis.
Born Dec. 24, 1912. *Calved* Dec. 28, 1914. *Served* July 7, 1915.
Requirement for admission: 251.30 lbs. butter fat.

Official year's record: 10042.05 lbs. milk; 394.11 lbs. butter fat.

(Record from Jan. 2, 1915 to Jan. 1, 1916.)
Supervised under one day test by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	1088.35 lbs.	3.37 %	36.68 lbs.
Feb.,	"	981.40 "	3.37 "	33.07 "
Mar.,	"	947.90 "	3.55 "	33.65 "
Apr.,	"	862.00 "	4.32 "	37.24 "
May,	"	925.10 "	4.06 "	37.56 "
June,	"	872.60 "	4.37 "	38.13 "
July,	"	830.40 "	3.68 "	30.56 "
Aug.,	"	775.50 "	4.37 "	33.89 "
Sept.,	"	669.50 "	4.23 "	28.32 "
Oct.,	"	663.80 "	4.53 "	30.07 "
Nov.,	"	660.10 "	4.02 "	26.54 "
Dec.,	"	740.40 "	3.71 "	27.47 "
Jan.,	1916,	25.00 "	3.71 "	.93 "
Total		10042.05 lbs.	3.92 Av. %	394.11 lbs.

Feed

Jan., 1915. 11.5 to 7 lbs. grain daily, total of 293.5 lbs., of the following mixture: 135 lbs. bran, 27 lbs. Unicorn Dairy Ration, 7 lbs. Ajax Flakes, 104 lbs. White Diamond Feed, 20.5 lbs. each cottonseed meal and oil meal; 18 lbs. potatoes during the month, hay.
Feb., 1915. 11 to 8 lbs. grain daily, total of 268 lbs. of the following mixture: 93 lbs. each Boss Feed and a mixture of 1 part Ajax Flakes and 2 parts Unicorn Dairy Ration, 29.5 lbs. cottonseed meal, 52.5 lbs. oil meal; 48 lbs. potatoes, 20 lbs. vetch and pea and oat hay or timothy and clover hay.
Mar., 1915. 13.2 to 13 lbs. grain daily of the following mixture: 62 lbs. each bran, Boss Feed, cottonseed meal, and oil meal, 159.2 lbs. (⅓ part Ajax Flakes and ⅔ parts Unicorn Dairy Ration); 6 lbs. potatoes twice a week, timothy hay.
Apr., 1915. Same grain ration as given in March; 6 lbs. potatoes, timothy hay to the 16th, then clover hay.
May, 1915. Same grain ration as given in April; clover hay to the 15th, then grass.
June, 1915. 9 lbs. grain daily from 1st to 10th, 6 lbs. of the following mixture with 1 lb. cottonseed meal and 2 lbs. oil meal added: 200 lbs. bran, 100 lbs. Boss Feed; from 11th to 30th 10 lbs. of 8 lbs. of mixture and 2 lbs. oil meal; pasture.
July, 1915. 10 lbs. grain daily, 8 lbs. of the following mixture with 2 lbs. oil meal added: 200 lbs. bran, 100 lbs. hominy; pasture and hay.
Aug., 1915. Same ration as given in July.
Sept., 1915. Same grain ration as given in July to the 10th; from 11th to 30th 9 lbs. grain daily, 8 lbs. of equal parts bran, Boss Feed, and Unicorn Dairy Ration, with 1 lb. oil meal added; timothy and clover hay with pasture to the 17th, then alfalfa hay and pasture.
Oct., 1915. 10 lbs. grain daily, 4 lbs. of the following mixture with 1 lb. Ajax Flakes, 3 lbs. Unicorn Dairy Ration, and 2 lbs. oil meal added: 100 lbs. each bran and Boss Feed; 1 to 2 bu. (beets, carrots, cabbage, and turnip tops), alfalfa hay and pasture.
Nov., 1915. Same ration as given in October.
Dec., 1915. 9.5 lbs. grain daily, 7 lbs. same mixture as given in October with .5 lb.cottonseed meal and 2 lbs. oil meal added; alfalfa, mixed hay, and oat straw.
Jan., 1916. Same ration as given in December.

4173 Imp. Princess Alice of the Isle 36405

Sire Imp. Prince of Sarnia (22000) A. R.
Sire On Alderney Masher (R. A. A. S. 63 F. S.) A. R.
Dam Imp. Queen of Anna Dean Farm (47585).
Dam On Alderney Duchess of Albany II. (R. A. A. S. 923 P. S.).
Sire On Alderney Chieftain (R. A. A. S. 62 F. S.) A. R.
Dam On Alderney Duchess of Albany (R. A. A. S. 404 F. S.).
Breeder John A. Pezet, Island of Alderney.
Owner W. Henry Bell, Scotts Station, Ky.
Born Mar. 9, 1909. *Calved* Oct. 3, 1914. *Served* July 21, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 8795.30 lbs. milk; 409.49 lbs. butter fat.

(Record from Oct. 10, 1914 to Oct. 9, 1915.)
Supervised under one day test by Kentucky Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1914,	582.10 lbs.	4.48 %	26.08 lbs.
Nov.,	"	829.50 "	4.52 "	37.49 "
Dec.,	"	784.60 "	4.52 "	35.46 "
Jan.,	1915,	844.10 "	4.37 "	36.89 "
Feb.,	"	711.90 "	4.66 "	33.17 "
Mar.,	"	738.70 "	5.08 "	37.53 "
Apr.,	"	699.20 "	4.61 "	32.23 "
May,	"	764.10 "	4.54 "	34.69 "
June,	"	706.20 "	4.95 "	34.96 "
July,	"	725.30 "	4.70 "	34.09 "
Aug.,	"	697.60 "	4.65 "	32.44 "
Sept.,	"	595.40 "	4.84 "	28.82 "
Oct.,	"	116.60 "	4.84 "	5.64 "
Total		8795.30 lbs.	4.66 Av. %	409.49 lbs.

Feed

Oct., 1914. 10 lbs. grain daily of the following mixture: 6 lbs. bran, 4 lbs. molasses feed; hay and pasture.
Nov., 1914. 12 lbs. grain daily of the following mixture: 8 lbs. bran, 4 lbs. molasses feed; ensilage, hay, and pasture.
Dec., 1914. 10 lbs. grain daily of equal parts bran and molasses feed; ensilage and hay.
Jan., 1915. 11 lbs. grain daily of the following mixture: 6 lbs. bran, .5 lb. each cottonseed meal and oil meal, 4 lbs. molasses feed; ensilage and hay.
Feb., 1915. Same ration as given in January.
Mar., 1915. 11 lbs. grain daily of the following mixture: 7 lbs. bran, 1 lb. cottonseed meal, 3 lbs. molasses feed; ensilage and hay.
Apr., 1915. 5 lbs. bran daily; pasture.
May, 1915. Pasture.
June, 1915. 8 lbs. molasses feed daily; pasture.
July, 1915. Same ration as given in June.
Aug., 1915. 8 lbs. bran daily; pasture.
Sept., 1915. Same ration as given in August.
Oct., 1915. 6 lbs. bran daily; ensilage and hay.

4174 Lady of Oakwood 33551

Sire Rosette's Marshall (12236) A. R.
Sire Marshall of France (9051) A. R.
Dam Imp. Rosette of the Gron I. (18538) A. R. 1005.
Dam Meadow Bird (20407).
Sire Solomon of Homestead (8494).
Dam Meadow Beauty (19412).
Breeder W. Henry Bell, Scotts Station, Ky.
Owner W. Henry Bell, Scotts Station, Ky.
Born Aug. 28, 1910. *Calved* Sept. 11, 1914. *Served* Apr. 16, 1915.
Requirement for admission: 325.50 lbs. butter fat.

Official year's record: 7858.40 lbs. milk; 428.72 lbs. butter fat.

(Record from Sept. 18, 1914 to Sept. 17, 1915.)
Supervised under one day test by Kentucky Agricultural Experiment station.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1914,	409.50 lbs.	4.80 %	19.66 lbs.
Oct.,	"	921.70 "	4.80 "	44.24 "
Nov.,	"	715.40 "	5.45 "	38.99 "
Dec.,	"	668.00 "	5.66 "	37.81 "
Jan.,	1915,	659.70 "	5.45 "	35.95 "
Feb.,	"	584.70 "	5.52 "	32.28 "
Mar.,	"	641.50 "	6.78 "	43.49 "
Apr.,	"	612.70 "	5.59 "	34.25 "
May,	"	691.10 "	5.44 "	37.60 "
June,	"	648.10 "	4.85 "	31.43 "
July,	"	506.80 "	5.10 "	25.85 "
Aug.,	"	531.50 "	5.44 "	28.91 "
Sept.,	"	267.70 "	6.82 "	18.26 "
Total		7858.40 lbs.	5.46 Av.%	428.72 lbs.

Feed

Sept., 1914. 9 lbs. grain daily of the following mixture: 6 lbs. bran, 3 lbs. molases feed; hay and pasture.
Oct., 1914. Same ration as given in September.
Nov., 1914. 12 lbs. grain daily of the following mixture: 8 lbs. bran, 4 lbs. molasses feed; ensilage, hay, and pasture.
Dec., 1914. 10 lbs. grain daily equal parts bran and molasses feed; ensilage and pasture.
Jan., 1915. 11 lbs. grain daily of the following mixture: 6 lbs. bran, 4 lbs. molasses feed, .5 lb. each cottonseed meal and oil meal; ensilage and hay.
Feb., 1915. Same ration as given in January.
Mar., 1915. 11 lbs. grain daily of the following mixture: 7 lbs. bran, 1 lb. cottonseed meal, 3 lbs. molasses feed; ensilage and hay.
Apr., 1915. 5 lbs. bran daily; pasture.
May, 1915. Pasture.
June, 1915. 8 lbs. molasses feed daily; pasture.
July, 1915. Same ration as given in June.
Aug., 1915. 8 lbs. bran daily; pasture.
Sept., 1915. Same ration as given in August.

4175 **Imp. Mahy's Daisy II. du Douit 47904**

Sire Imp. Osseo IV. (28601).
Sire On Guernsey Osseo II. (R. G. A. S. 1945 P. S.) A. R.
Dam On Guernsey Nellie des Blancs Bois IX. (R. G. A. S. 5468 P. S.).
Dam On Guernsey Mahy's Daisy du Douit (R. G. A. S. 4471 F. S.).
Sire On Guernsey.
Dam On Guernsey Mahy's Nelly du Douit (R. G. A. S. 3831 F. S.).
Breeder N. T. H. Mahy, Island of Guernsey.
Owner Frank J. Sherman, Ballston Spa, N. Y.
Born Dec. 6, 1911. *Calved* July 26, 1914. *Served* Jan. 15, 1915.
Requirement for admission: 274.60 lbs. butterfat.

Official year's record: 8553.00 lbs. milk; 477.36 lbs. butter fat.

(Record from Aug. 5, 1914 to Aug. 4, 1915.)
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Aug.,	1914,	648.70 lbs.	5.05 %	32.76 lbs.
Sept.,	"	765.20 "	4.90 "	37.49 "
Oct.,	"	835.70 "	5.25 "	43.87 "
Nov.,	"	768.60 "	4.99 "	38.35 "
Dec.,	"	756.50 "	5.62 "	42.52 "
Jan.,	1915,	773.70 "	6.25 "	48.36 "
Feb.,	"	706.30 "	6.10 "	43.08 "
Mar.,	"	802.10 "	5.85 "	46.92 "
Apr.,	"	793.90 "	5.45 "	43.27 "
May,	"	851.30 "	5.60 "	47.67 "
*June,	"	267.40 "	5.96 "	15.94 "
July,	"	553.80 "	6.33 "	35.06 "
Aug.,	"	29.80 "	6.93 "	2.07 "
Total		8553.00 lbs.	5.58 Av. %	477.36 lbs.

*20 days lacking.

Feed

Aug., 1914. 8.9 lbs. grain daily of the following mixture: .8 lb. each bran and hominy, 3.3 lbs. ground oats, 1.1 lbs. each gluten and cottonseed meal, .9 lb. each Ajax Flakes and alfalfa meal; 3 lbs. beet pulp, pasture.
Sept., 1914. 10.1 lbs. grain daily of the following mixture: .9 lb. each bran, hominy, Ajax Flakes, and alfalfa meal, 3.9 lbs. ground oats, 1.3 lbs. each gluten and cottonseed meal; 3 lbs. beet pulp, hay and pasture.
Oct., 1914. 11 lbs. grain daily of the following mixture: 1 lb. each bran, hominy, Ajax Flakes, and alfalfa meal, 4 lbs. ground oats, 1.5 lbs. each gluten and cottonseed meal; 4 lbs. beet pulp, hay and pasture.
Nov., 1914. 7.9 lbs. grain daily of the following mixture: .7 lb. each bran, hominy, Ajax Flakes, and alfalfa meal, 2.9 lbs. ground oats, 1.1 lbs. each gluten and cotton seed meal; 30 lbs. roots to the 15th then 10 lbs., 3 lbs. beet pulp from 16th to 30th, 8 lbs. hay.
Dec., 1914. Same grain ration as given in November; 4 lbs. beet pulp, 10 lbs. roots, 3 lbs. alfalfa, 5 lbs. mixed hay.
Jan., 1915. Same grain ration as given in November; 5 lbs. beet pulp, 10 lbs. roots, 3 lbs. alfalfa, 5 lbs. mixed hay.
Feb., 1915. 7.6 lbs. grain daily of the following mixture: .7 lb. each bran, Ajax Flakes, hominy, and alfalfa meal, 2.8 lbs. ground oats, 1 lb. each gluten and cottonseed meal; 5 lbs. beet pulp, 10 lbs. roots, 3 lbs. alfalfa, 5 lbs. mixed hay.
Mar., 1915. Same ration as given in February without roots.
Apr., 1915. Same grain ration as given in February; 6 lbs. beet pulp, alfalfa and mixed hay.
May, 1915. Same grain ration as given in April; 6 lbs. beet pulp, mixed hay.
June, 1915. Same grain ration as given in April; pasture.
July, 1915. Same ration as given in June.
Aug., 1915. Same ration as given in June.

4176 **Florham Gold Lassie 43596**

Sire Ne Plus Ultra (15265) A. R.
Sire Dolly Dimple's May King of Langwater (12997) A. R.
Dam Imp. Itchen Daisy 3d (15630) A. R. 100.
Dam Golden Lassie of Paxtang (24696) A. R. 1377.
Sire Lord Derby of Paxtang (7744) A. R.
Dam Nugget of Paxtang (14635).
Breeder J. L. Hope, Madison, N. J.
Owner J. L. Hope, Madison, N. J.
Sold Sept. 15, 1915 to Mrs. George E. Holton, Catasauqua, Pa.
Born Aug. 24, 1912. *Calved* Jan. 21, 1915. *Served* July 16, 1915.
Requirement for admission: 265.90 lbs. butter fat.

Official year's record: 11925.20 lbs. milk; 583.67 lbs. butter fat.

(Record from Jan. 26, 1915 to Jan. 25, 1916.)
Supervised under one day test by New Jersey Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	213.80 lbs.	3.71 %	7.93 lbs.
Feb.,	"	1242.30 "	3.87 "	48.08 "
Mar.,	"	1094.35 "	4.02 "	43.99 "
Apr.,	"	1133.75 "	4.57 "	51.81 "
May,	"	1097.60 "	5.34 "	58.61 "
June,	"	976.50 "	5.20 "	50.78 "
July,	"	1013.65 "	4.65 "	47.13 "
Aug.,	"	959.85 "	5.05 "	48.47 "
Sept.,	"	876.05 "	5.07 "	44.42 "
Oct.,	"	836.30 "	5.32 "	44.49 "
Nov.,	"	849.90 "	5.47 "	46.49 "
Dec.,	"	899.60 "	5.54 "	49.84 "
Jan.,	1916,	731.55 "	5.69 "	41.63 "
Total		11925.20 lbs.	4.89 Av. %	583.67 lbs.

Feed

Jan., 1915. 11 lbs. grain daily of the following mixture: 6 lbs. bran, 3 lbs. each crushed oats and oil meal, 30 lbs. Union Grains, 24 lbs. beet pulp; 8 lbs. ensilage, 10 lbs. alfalfa hay.
Feb., 1915. 12.7 lbs. grain daily of the following mixture: 34 lbs. bran, 11 lbs. each crushed oats and oil meal, 187 lbs. Union Grains, 112 lbs. beet pulp; 8 lbs. ensilage, 10 lbs. alfalfa hay.
Mar., 1915. 12.2 lbs. grain daily of the following mixture: 36 lbs. bran, 13 lbs. each crushed oats and oil meal, 181 lbs. Larro Feed, 136 lbs. beet pulp; 10 lbs. ensilage, 5 lbs. each alfalfa and clover hay.
Apr., 1915. 15 lbs. grain daily of the following mixture: 36 lbs. bran, 12 lbs. each crushed oats and oil meal, 270 lbs. Union Grains, 120 lbs. beet pulp; 8 lbs. ensilage, 5 lbs. each alfalfa and clover hay.
May, 1915. 13.6 lbs. grain daily of the following mixture: 36 lbs. bran, 13 lbs. each crushed oats and oil meal, 240 lbs. Union Grains, 120 lbs. beet pulp; 4 lbs. each ensilage and clover hay, pasture.
June, 1915. 14 lbs. grain daily of the following mixture: 36 lbs. bran, 12 lbs. each crushed oats and oil meal, 240 lbs. Union Grains, 120 lbs. beet pulp; pasture.
July, 1915. 15.9 lbs. grain daily of the following mixture: 28.79 lbs. bran, 6.38 lbs. corn meal, 11.19 lbs. each crushed oats and oil meal, 10.21 lbs. Ajax Flakes, 237 lbs. Union Grains, 5.74 lbs. cottonseed meal, 182 lbs. beet pulp; 8 lbs. alfalfa hay, pasture.
Aug., 1915. 17 lbs. grain daily of the following mixture: 74.79 lbs. bran, 51.72 lbs. corn meal, 38.85 lbs. each ground oats and oil meal, 82.74 lbs. Ajax Flakes, 5 lbs. Union Grains, 46.55 lbs. cottonseed meal, 186 lbs. beet pulp; pasture.
Sept., 1915. 17 lbs. grain daily of the following mixture: 74.57 lbs. bran, 51.43 lbs. corn meal, 37.71 lbs. each crushed oats and oil meal, 82.29 lbs. Ajax Flakes, 46.29 lbs. cottonseed meal, 180 lbs. beet pulp; 4 lbs. alfalfa hay, pasture.
Oct., 1915. 12 lbs. grain daily of the following mixture: 36 lbs. bran, 13 lbs. each crushed oats and oil meal, 99 lbs. beet pulp, 217 lbs. Union Grains; 30 lbs. green corn, 10 lbs. alfalfa hay.
Nov., 1915. 11.9 lbs. grain daily of the following mixture: 36 lbs. bran, 12 lbs. each crushed oats and oil meal, 240 lbs. Union Grains, 56 lbs. beet pulp; 14 lbs. roots, 15 lbs. ensilage, 10 lbs. alfalfa hay.
Dec., 1915. 12 lbs. grain daily of the following mixture: 36 lbs. bran, 13 lbs. each crushed oats and oil meal, 248 lbs. Union Grains, 62 lbs. beet pulp; 14 lbs. roots, 10 lbs. ensilage, 8 lbs. alfalfa hay.
Jan., 1916. 14 lbs. grain daily of the following mixture: 30 lbs. bran, 10 lbs. each crushed oats and oil meal, 250 lbs. Union Grains, 50 lbs. beet pulp; 18 lbs. roots, 8 lbs. ensilage, 10 lbs. alfalfa hay.

4177 **Primrose of Sunset Hill Farm 43862**

Sire May King of Linda Vista (17946).
Sire Langwater May King (13001) A. R.
Dam Queen of the Roses (24999) A. R. 1091.
Dam Imp. Primrose III. of Les Houards (36357).
Sire On Guernsey Hero of the Forest (R. G. A. S. 2053 P. S.).
Dam On Guernsey Primrose of Les Houards (R. G. A. S. 3247 F. S.).
Breeder J. L. Hope, Madison, N. J.
Owner Louis E. P. Smith, Holliston, Mass.
Sold Nov. 6, 1915 to Harlow & Leland, East Bridgewater, Mass.
Born Oct. 13, 1912. *Calved* Nov. 5, 1914.
Requirement for admission: 253.50 lbs. butter fat.

Official year's record: 7856.10 lbs. milk; 350.06 lbs. butter fat.

(Record from Nov. 13, 1914 to Nov. 12, 1915.)
Supervised by Massachusetts Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1914,	433.20 lbs.	4.05 %	17.54 lbs.
Dec.,	"	846.70 "	4.05 "	34.29 "
Jan.,	1915,	800.70 "	3.98 "	31.87 "
Feb.,	"	711.00 "	4.38 "	31.14 "
Mar.,	"	714.70 "	4.50 "	32.16 "
Apr.,	"	676.00 "	4.49 "	30.35 "
May,	"	693.10 "	4.42 "	30.64 "
June,	"	678.50 "	4.59 "	31.14 "
July,	"	672.70 "	4.58 "	30.81 "
Aug.,	"	534.00 "	4.78 "	25.53 "
Sept.,	"	392.30 "	5.01 "	19.65 "
Oct.,	"	517.00 "	4.97 "	25.69 "
Nov.,	"	186.20 "	4.97 "	9.25 "
Total		7856.10 lbs.	4.46 Av. %	350.06 lbs.

Feed

Nov., 1914. 6 to 12 lbs. grain daily equal parts bran and ground oats; 25 lbs. corn ensilage, 12 lbs. alfalfa hay.
Dec., 1914. Same ration as given in November.
Jan., 1915. 10 lbs. grain daily of the following mixture: 100 lbs. each bran, cottonseed meal, and linseed meal, 200 lbs. corn meal, 300 lbs. Ajax Flakes; 3 lbs. beet pulp, 20 lbs. ensilage, 12 lbs. hay.
Feb., 1915. Same ration as given in January.
Mar., 1915. Same ration as given in January.
Apr., 1915. Same ration as given in January.
May, 1915. 10 lbs. grain daily of the following mixture: 100 lbs. each bran, cottonseed meal, and linseed meal, 300 lbs. Ajax Flakes, 200 lbs. Schumacher Feed; 3 lbs. beet pulp, 25 lbs. ensilage, 12 lbs. alfalfa hay.
June, 1915. Same ration as given in May.
July, 1915. Same ration as given in May.
Aug., 1915. 9 lbs. grain daily same mixture as given in May; 3 lbs. beet pulp, 25 lbs. ensilage, green rowen and mixed hay.
Sept., 1915. Same ration as given in August.
Oct., 1915. Same grain ration as given in August; 3 lbs. beet pulp, 35 lbs. corn ensilage, 12 lbs. mixed clover hay.
Nov., 1915. Same ration as given in October.

4178 **Loretta of Eau Claire 30795**

Sire Tribune Farmer (9827).
Sire Fusion (7537).
Dam Musa of Pittsfield (14472).
Dam Miranda O'Day (16031).
Sire Sir Richard Wilmot (5722).
Dam Katie Loppings (11145).
Breeder Will W. Fisher, Watervliet, Mich.
Owner E. J. Smallidge, Eau Claire, Mich.
Born Dec. 30, 1909. *Calved* Nov. 24, 1914. *Served* Sept. 8, 1915.
Requirement for admission: 357.10 lbs. butter fat.

Official year's record: 8475.80 lbs. milk; 461.96 lbs. butter fat.

Supervised by Michigan Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1914,	874.50 lbs.	5.49 %	48.01 lbs.
Jan.,	1915,	827.10 "	5.49 "	45.41 "
Feb.,	"	685.80 "	5.25 "	36.00 "
Mar.,	"	744.80 "	4.96 "	36.94 "
Apr.,	"	735.90 "	5.16 "	37.97 "
May,	"	803.50 "	5.25 "	42.18 "
June,	"	759.20 "	5.16 "	39.17 "
July,	"	732.20 "	5.14 "	37.64 "
Aug.,	"	703.30 "	5.37 "	37.77 "
Sept.,	"	609.10 "	5.57 "	33.93 "
Oct.,	"	560.40 "	6.05 "	33.90 "
Nov.,	"	440.00 "	7.51 "	33.04 "
Total		8475.80 lbs.	5.45 Av. %	461.96 lbs.

Feed

Dec., 1914. 12 lbs. grain daily, 10 lbs. of the following mixture with 2 lbs. cottonseed meal added: 40 lbs. bran, 10 lbs. middlings, 100 lbs. corn and cob meal, 30 lbs. gluten; 25 lbs. ensilage, corn stover and mixed hay.
Jan., 1915. Same ration as given in December.
Feb., 1915. Same ration as given in December.
Mar., 1915. 9 lbs. grain daily of the following mixture: 400 lbs. bran, 600 lbs. corn meal, 300 lbs. each gluten, cottonseed meal, and oil meal; 30 lbs. ensilage, 10 lbs. mixed hay.
Apr., 1915. 9 lbs. grain daily of the following mixture: 2.2 lbs. bran, 3 lbs. corn meal, 1.5 lbs. each gluten and cottonseed meal, .8 lb. oil meal; 20 lbs. ensilage, 3 lbs. hay.
May, 1915. 9 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. middlings, 400 lbs. corn meal, 200 lbs. each gluten and cottonseed meal; 25 lbs. ensilage, pasture.
June, 1915. 9 lbs. grain daily of the following mixture: 1.1 lbs. each bran and cottonseed meal, 4.5 lbs. corn meal, 2.3 lbs. gluten; 25 lbs. ensilage, pasture.
July, 1915. 8 lbs. grain daily of the following mixture: 1 lb. each bran and cottonseed meal, 4 lbs. corn meal, 2 lbs. gluten; 30 lbs. ensilage, 2 lbs. hay, pasture.
Aug., 1915. Same grain ration as given in July; 25 lbs. ensilage, 3 lbs. hay.
Sept., 1915. 7 lbs. grain daily of the following mixture: 300 lbs. each bran and corn meal, 100 lbs. cottonseed meal; 25 lbs. ensilage, 4 lbs. hay.
Oct., 1915. 7 lbs. grain daily of the following mixture: 400 lbs. each bran and Badger Dairy Feed, 500 lbs. each corn meal and ground oats; 25 lbs. ensilage, 3 lbs. hay.
Nov., 1915. 6 lbs. grain daily of the following mixture: 50 lbs. corn meal, 100 lbs. ground oats, 125 lbs. Ajax Flakes, 150 lbs. Badger Dairy Feed; 25 lbs. ensilage, 5 lbs. hay.

4179 **Rose of Koshkonong Place 2d 42948**

Sire Jury of Koshkonong Place (16793) A. R.
Sire Jewel of Koshkonong Place (12202) A. R.
Dam Blossom of Koshkonong Place (24507) A. R. 1582.
Dam Rose of Koshkonong Place (26783) A. R. 1828.
Sire Jewel of Koshkonong Place (12202) A. R.
Dam Imp. July Rose of the Chêne (19690) A. R. 1541.
Breeder A. R. Hoard, Fort Atkinson, Wis.
Owner A. R. Hoard, Fort Atkinson, Wis.
Born Sept. 12, 1912. *Calved* Jan. 6, 1915. *Served* Oct. 13, 1915.
Requirement for admission: 263.00 lbs. butter fat.

Official year's record: 5836.40 lbs. milk; 311.60 lbs. butter fat.

(Record from Jan. 16, 1915 to Jan. 15, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	335.50 lbs.	4.48 %	15.03 lbs.
Feb.,	"	585.10 "	5.06 "	29.61 "
Mar.,	"	626.40 "	4.80 "	30.07 "
Apr.,	"	548.30 "	5.08 "	27.85 "
May,	"	547.40 "	5.28 "	28.90 "
June,	"	507.60 "	5.26 "	26.70 "
July,	"	463.20 "	4.91 "	22.74 "
Aug.,	"	442.80 "	5.78 "	25.59 "
Sept.,	"	388.20 "	5.62 "	21.82 "
Oct.,	"	392.10 "	6.53 "	25.60 "
Nov.,	"	382.90 "	5.95 "	22.78 "
Dec.,	"	421.60 "	5.66 "	23.86 "
Jan.,	1916,	195.30 "	5.66 "	11.05 "
Total		5836.40 lbs.	5.34 Av. %	311.60 lbs.

Feed

Jan., 1915. 12 lbs. grain daily of the following mixture: 100 lbs. bran, 200 lbs. Schumacher Feed, 50 lbs. each Ajax Flakes and cottonseed meal; 30 lbs. ensilage, 12 lbs. alfalfa hay.
Feb., 1915. 9 lbs. grain daily of the following mixture: 4 lbs. each bran and Schumacher Feed, 1 lb. cottonseed meal; 30 lbs. ensilage, 12 lbs. alfalfa hay.
Mar., 1915. Same ration as given in February.
Apr., 1915. 8 lbs. grain daily of the following mixture: 1 part bran, 2 parts Unicorn Dairy Ration; 25 lbs. ensilage, 10 lbs. hay.
May, 1915. Same ration as given in April.
June, 1915. 8 lbs. grain daily equal parts bran and Unicorn Dairy Ration; 15 lbs. ensilage, pasture.
July, 1915. 8 lbs. grain daily of the following mixture: 1 part bran, 2 parts Unicorn Dairy Ration; 4 lbs. green oats, pasture.
Aug., 1915. Same ration as given in July except alfalfa hay instead of green oats.
Sept., 1915. 6 lbs. grain daily equal parts bran and Unicorn Dairy Ration; 12 lbs. hay, pasture.
Oct., 1915. 6 lbs. grain daily of the following mixture: 2 lbs. bran, 4 lbs. Unicorn Dairy Ration; 25 lbs. ensilage, 6 lbs. alfalfa hay.
Nov., 1915. Same grain ration as given in October; 30 lbs. ensilage, 10 lbs. alfalfa hay.
Dec., 1915. 7 lbs. grain daily equal parts bran, Schumacher Feed, and Unicorn Dairy Ration; 25 lbs. ensilage, 12 lbs. alfalfa hay.
Jan., 1916. 9 lbs. grain daily equal parts bran, Schumacher Feed, and Unicorn Dairy Ration; 30 lbs. ensilage, 12 lbs alflafa hay.

4180 **Nell Beverly of Maple Row 26469**

Sire Luralion (12897).
Sire Capt. Robbie (7146) A. R.
Dam Mina Kathryn (17985) A. R. 336.
Dam Morning Star of Maple Row (21641).
Sire Robert Bloomingdale (6316).
Dam Lady Hellen Bush (13806).
Breeder S. C. Reams & Son, Eau Claire, Mich.
Owner E. J. Smallidge, Eau Claire, Mich.
Born Aug. 25, 1908. *Calved* Nov. 18, 1914. *Served* June 27, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 9303.90 lbs. milk; 485.23 lbs. butter fat.

Supervised by Michigan Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1914,	1022.70 lbs.	4.97 %	50.83 lbs.
Jan.,	1915,	955.30 "	4.97 "	47.48 "
Feb.,	"	810.00 "	5.46 "	44.23 "
Mar.,	"	897.40 "	6.45 "	57.88 "
Apr.,	"	725.30 "	4.84 "	35.10 "
May,	"	869.10 "	4.90 "	42.59 "
June,	"	759.80 "	4.94 "	37.53 "
July,	"	753.40 "	4.72 "	35.56 "
Aug.,	"	724.10 "	4.93 "	35.70 "
Sept.,	"	644.30 "	5.20 "	33.50 "
Oct.,	"	608.50 "	5.38 "	32.74 "
Nov.,	"	534.00 "	6.01 "	32.09 "
Total		9303.90 lbs.	5.22 Av. %	485.23 lbs.

Feed

Dec., 1914. 12 lbs. grain daily, 10 lbs. of the following mixture with 2 lbs. cottonseed meal added: 40 lbs. bran, 10 lbs. milddlings, 100 lbs. corn and cob meal, 30 lbs. gluten; corn stover and mixed hay.
Jan., 1915. Same grain ration as given in December; 30 lbs. ensilage, corn stover and mixed hay.
Feb., 1915. Same ration as given in January.
Mar., 1915. 10 lbs. grain daily of the following mixture: 400 lbs. bran, 600 lbs. ground corn, 300 lbs. each gluten, cottonseed meal, and oil meal; 35 lbs. ensilage, 10 lbs. mixed hay.
Apr., 1915. 9 lbs. grain daily of the following mixture: 2.2 lbs. bran, 3 lbs. corn meal, 1.5 lbs. each gluten and cottonseed meal, .8 lb. oil meal; 20 lbs. ensilage, 3 lbs. hay.
May, 1915. 9 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. middlings, 400 lbs. corn meal, 200 lbs. each gluten and cottonseed meal; 25 lbs. ensilage and pasture.
June, 1915. 9 lbs. grain daily of the following mixture: 1.1 lbs. each bran and cottonseed meal, 4.5 lbs. corn meal, 2.3 lbs. gluten; 25 lbs. ensilage, pasture.
July, 1915. 8 lbs. grain daily of the following mixture: 1 lb. each bran and cottonseed meal, 4 lbs. corn meal, 2 lbs. gluten; 35 lbs. ensilage, 2 lbs. hay, pasture.
Aug., 1915. Same grain ration as given in July; 25 lbs. ensilage and 3 lbs. hay.
Sept., 1915. 8 lbs. grain daily of the following mixture: 300 lbs. each bran and corn meal, 100 lbs. cottonseed meal; 25 lbs. ensilage, 4 lbs. hay.
Oct., 1915. 7 lbs. grain daily of the following mixture: 400 lbs. each bran and Badger Dairy Feed, 500 lbs. each corn meal and ground oats; 30 lbs. ensilage, 3 lbs. hay.
Nov., 1915. 7.5 lbs. grain daily of the following mixture: 50 lbs. corn meal, 100 lbs. ground oats, 150 lbs. each Ajax Flakes and Badger Feed; 30 lbs. ensilage, 5 lbs. hay.

4181 **France's Donna Fanny 41371**

Sire Imp. France's Honeymoon's Sequel (13485) A. R.
Sire Imp. Fanny's Sequel (19563) A. R.
Dam Imp. France's Masher's Honeymoon (24824) A. R. 1088.
Dam Conyers Donna Fanny (25901) A. R. 3100.
Sire Conyers Don Zaro (10785) A. R.
Dam Imp. Fanny du Foulon XV. (18552) A. R. 2429.
Breeder E. C. Converse, Greenwich, Conn.
Owner E. C. Converse, Greenwich, Conn.
Born Feb. 21, 1912. *Calved* Nov. 5, 1914. *Served* June 1, 1915.
Requirement for admission: 278.70 lbs. butter fat.

Official year's record: 6370.20 lbs. milk; 284.30 lbs. butter fat.

Supervised by Connecticut Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1914,	712.30 lbs.	4.84 %	34.78 lbs.
Jan.,	1915,	711.30 "	4.84 "	34.43 "
Feb.,	"	593.60 "	4.65 "	27.60 "
Mar.,	"	600.80 "	3.77 "	22.65 "
Apr.,	"	568.80 "	4.00 "	22.75 "
May,	"	551.40 "	4.22 "	23.27 "
June,	"	498.00 "	4.50 "	22.41 "
July,	"	494.40 "	4.12 "	20.37 "
Aug.,	"	456.80 "	4.33 "	19.78 "
Sept.,	"	400.00 "	4.23 "	16.92 "
Oct.,	"	375.20 "	4.86 "	18.23 "
Nov.,	"	407.60 "	5.18 "	21.11 "
Total		6370.20 lbs.	4.46 Av. %	284.30 lbs.

Feed

Dec., 1914. 9 lbs. grain daily of a mixture of 8 lbs. Unicorn Dairy Ration and 1 lb. cottonseed meal; 4 lbs. beet pulp, mixed clover hay.
Jan., 1915. Same ration as given in December.
Feb., 1915. Same grain ration as given in December; 4 lbs. beet pulp, 20 lbs. ensilage, clover hay.
Mar., 1915. Same grain ration as given in December; 4 lbs. beet pulp, 25 lbs. ensilage, clover hay.
Apr., 1915. Same grain ration as given in December; 4 lbs. beet pulp, 25 lbs. ensilage, clover hay, green rye from 20th to 30th.
May, 1915. Same grain ration as given in December; 25 lbs. ensilage, clover hay, green rye from 1st to 15th.
June, 1915. Same grain ration as given in December; 4 lbs. beet pulp, 20 lbs. ensilage from 1st to 17th, green alfalfa to the 26th, then green oats and peas.
July, 1915. Same grain ration as given in December; 4 lbs. beet pulp, green oats and peas to the 20th, then green alfalfa.
Aug., 1915. Same grain ration as given in December; 4 lbs. beet pulp, green corn and green clover.
Sept., 1915. Same grain ration as given in December; 4 lbs. beet pulp, green corn fodder.
Oct., 1915. Same grain ration as given in December; 4 lbs. beet pulp, 15 to 25 lbs. roots from 26th to 31st, 20 lbs. ensilage, mixed clover hay.
Nov., 1915. Same grain ration as given in December; 20 lbs. roots, 25 lbs. ensilage, mixed hay.

4182 **Imp. Bilinda IV. 31619**

Sire Imp. Golden Hero of l'Etiennerie (12647) A. R.
Sire On Guernsey Governor of the Chêne (R. G. A. S. 1297 P. S.) A. R.
Dam On Guernsey Royal Princess Cora I. of l'Etiennerie (R. G. A. S. 5301 P. S.).
Dam On Guernsey Bilinda II. (R. G. A. S. 2288 F. S.).
Sire On Guernsey Lord Mortimer 2d (R. G. A. S. 743 P. S.).
Dam On Guernsey Bilinda I.
Breeder N. de Mouilpied, Island of Guernsey.
Owner Spencer Kellogg, Derby, N. Y.
Born Sept. 1, 1907. *Calved* Jan. 4, 1915. *Served* June 9, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 10708.10 lbs. milk; 548.62 lbs. butter fat.

(Record from Jan. 7, 1915 to Jan. 6, 1916.)
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	1019.90 lbs.	4.85 %	49.47 lbs.
Feb.,	"	1224.10 "	4.53 "	55.45 "
Mar.,	"	1287.90 "	5.31 "	68.39 "
Apr.,	"	1099.90 "	4.87 "	53.57 "
May,	"	1096.50 "	5.33 "	58.44 "
June,	"	948.20 "	5.21 "	49.40 "
July,	"	927.20 "	5.23 "	48.49 "
Aug.,	"	862.90 "	4.84 "	41.76 "
Sept.,	"	713.60 "	4.98 "	35.54 "
Oct.,	"	582.70 "	5.31 "	30.94 "
Nov.,	"	484.20 "	5.81 "	28.13 "
Dec.,	"	391.50 "	6.30 "	24.66 "
Jan.,	1916,	69.50 "	6.30 "	4.38 "
Total		10708.10 lbs.	5.12 Av. %	548.62 lbs.

Feed

Jan., 1915. 4 increased to 18 lbs. grain daily, 303.5 lbs. of the following mixture with 41.3 lbs. crushed oats added: 300 lbs. each corn meal and Distillers' Grains, 200 lbs. each gluten and oil meal; 699 lbs. ensilage, 116.4 lbs. potatoes, 235 lbs. alfalfa hay.
Feb., 1915. 8 to 15.7 lbs. grain daily, 350.4 lbs. of the following mixture with 9.4 lbs. crushed oats added: 500 lbs. corn meal, 100 lbs. each middlings and crushed oats, 200 lbs. oil meal; 143.3 lbs. beet pulp, 606.1 lbs. potatoes, 566 lbs. ensilage, 258 lbs. mixed hay.
Mar., 1915. 14.5 to 12 lbs. grain daily of the following mixture: 600 lbs. corn meal, 300 lbs. Distillers' Grains, 200 lbs. oil meal; 165.5 lbs. beet pulp, 713 lbs. potatoes, 421 lbs. ensilage, 200 lbs. mixed hay.
Apr., 1915. 13.5 to 15.5 lbs. grain daily, 374.5 lbs. of the following mixture with 69 lbs. oil meal added: 300 lbs. each middlings, corn meal, Brewers' Grains, and oil meal; 116 lbs. beet pulp, 90 lbs. potatoes, 333 lbs. ensilage, 180 lbs. mixed hay.
May, 1915. 15 to 10.5 lbs. grain daily, 351.5 lbs. of the following mixture with 48 lbs. oil meal added: 300 lbs. each middlings, corn meal, and Brewers' Grains, 200 lbs. oil meal; 48 lbs. beet pulp, 560 lbs. ensilage, 96 lbs. alfalfa hay, pasture from 17th to 31st.
June, 1915. 12 to 14 lbs. grain daily, 378 lbs. of the following mixture: 200 lbs. each middlings and oil meal, 300 lbs. each hominy and Brewers' Grains, 100 lbs. beet pulp; pasture.
July, 1915. 18 to 15 lbs. grain daily of the same mixture as given in June; pasture.
Aug., 1915. 18 to 15.5 lbs. grain daily, 521.5 lbs. same mixture as given in June; pasture.
Sept., 1915. 18 to 15.5 lbs. grain daily, 505 lbs. of the following mixture: 300 lbs. each hominy and Brewers' Grains, 200 lbs. oil meal, 100 lbs. beet pulp; pasture.
Oct., 1915. 9 to 11 lbs. grain daily of the following mixture: 300 lbs. each middlings, corn meal, and Brewers' Grains, 200 lbs. oil meal; 620 lbs. each roots and ensilage, 310 lbs. alfalfa hay.
Nov., 1915. 10 to 6.5 lbs. grain daily, 248.5 lbs. of the following mixture: 300 lbs. bran, 200 lbs. each wheat middlings, ground oats, and gluten feed; 600 lbs. roots, 300 lbs. alfalfa hay.
Dec., 1915. 5 to 4 lbs. grain daily, 138.5 lbs. same mixture as given in November; 620 lbs. roots, 775 lbs. ensilage, 310 lbs. alfalfa hay.
Jan., 1916. 4 to 4.5 lbs. grain daily, 26 lbs. same mixture as given in November; 120 lbs. roots, 150 lbs. ensilage, 60 lbs. alfalfa hay.

4183 **Golden Polly of Pencoyd 38585**

Sire Imp. Golden Secret of Lilyvale (10028) A. R.
Sire Imp. Golden Secret (12599) A. R.
Dam Imp. Lady Beatrice of Lilyvale (18526).
Dam Imp. Pretty Polly VI. (19664) A. R. 984.
Sire Duke of the Blicqs (1370 E. G. H. B.) On Guernsey (R. G. A. S. 1200 P. S.) A. R.
Dam On Guernsey Pretty Polly II. (R. G. A. S. 3688 P. S.).
Breeder T. W. & I. W. Roberts, Bala, Pa.
Owner M. T. Phillips, Pomeroy, Pa.
Born Nov. 1, 1911. *Calved* Jan. 2, 1915. *Served* Apr. 15, 1915.
Requirement for admission: 293.60 lbs. butter fat.

Official year's record: 8326.00 lbs. milk; 408.64 lbs. butter fat.

(Record from Jan. 7, 1915 to Jan. 6, 1916.)
Supervised by Pennsylvania Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	822.10 lbs.	4.22 %	34.69 lbs.
Feb.,	"	872.60 "	4.56 "	39.79 "
Mar.,	"	851.50 "	4.37 "	37.21 "
Apr.,	"	772.80 "	4.67 "	36.09 "
May,	"	851.70 "	4.74 "	40.37 "
June,	"	798.70 "	4.75 "	37.94 "
July,	"	719.90 "	5.02 "	36.14 "
Aug.,	"	677.70 "	5.31 "	35.99 "
Sept.,	"	582.20 "	5.80 "	33.77 "
Oct.,	"	549.50 "	5.51 "	30.28 "
Nov.,	"	426.30 "	5.71 "	24.34 "
Dec.,	"	328.60 "	5.57 "	18.30 "
Jan.,	1916,	72.40 "	5.15 "	3.73 "
Total		8326.00 lbs.	4.91 Av. %	408.64 lbs.

Feed

Jan., 1915. 10.16 lbs. grain daily of the following mixture: 37.5 lbs. each bran, corn and cob meal, ground oats, and Brewers' Grains, 29 lbs. cottonseed meal, 12.5 lbs. each O. P. oil meal and molasses, 50 lbs. beet pulp; ensilage, alfalfa and timothy hay.
Feb., 1915. 9.75 lbs. grain daily of the following mixture: 56 lbs. each bran and Ajax Flakes, 42 lbs. each corn and cob meal and beet pulp, 28 lbs. each cottonseed meal and molasses, 21 lbs. O. P. oil meal; ensilage, alfalfa and timothy hay.
Mar., 1915. 5.5 lbs. grain daily of the following mixture: 16 lbs. each bran, corn and cob meal, Distillers' Grains, and beet pulp, 8 lbs. each cottonseed meal, oil meal, and molasses; ensilage and mixed hay.
Apr., 1915. 9.1 lbs. grain daily of the following mixture: 45 lbs. each bran, corn and cob meal, Distillers' Grains, gluten, and beet pulp, 15 lbs. each cottonseed meal and O. P. oil meal, 20 lbs. molasses; ensilage, alfalfa and timothy hay.
May, 1915. 8.2 lbs. grain daily of the following mixture: 46 lbs. each bran, corn meal, and beet pulp, 30 lbs. hominy, 31 lbs. each gluten and Distillers' Grains, 15 lbs. O. P. oil meal; ensilage, timothy and alfalfa hay to the 15th, then pasture.
June, 1915. 6.6 lbs. grain daily of the following mixture: 45 lbs. each bran and Brewers' Grains, 23 lbs. each hominy, Distillers' Grains, and beet pulp, 30 lbs. corn meal, 10 lbs. O. P. oil meal; alfalfa hay and pasture.
July, 1915. 5.9 lbs. grain daily of the following mixture: 45 lbs. each bran, Brewers' Grains, and beet pulp, 20 lbs. each corn meal and hominy, 8 lbs. O. P. oil meal; ensilage and pasture.
Aug., 1915. 5.5 lbs. grain daily of the following mixture: 45 lbs. bran, 31 lbs. each hominy, Brewers' Grains, and gluten, 15 lbs. each cottonseed meal and O. P. oil meal; ensilage and pasture.
Sept., 1915. 8 lbs. grain daily of the following mixture: 60 lbs. bran, 45 lbs. each hominy, ground oats, Brewers' Grains, and beet pulp; ensilage, mixed hay, and pasture.
Oct., 1915. 7.5 lbs. grain daily of the following mixture: 46 lbs. each bran, gluten, and beet pulp, 31 lbs. each ground oats, Ajax Flakes, and Brewers' Grains; ensilage, alfalfa hay, and pasture.
Nov., 1915. 7.5 lbs. grain daily of the following mixture: 45 lbs. each bran, gluten, and beet pulp, 30 lbs. each ground oats, Brewers' Grains, and Distillers' Grains; ensilage, timothy and alfalfa hay.
Dec., 1915. 5.5 lbs. grain daily of the following mixture to the 24th: 62 lbs. each bran and gluten, 31 lbs. Distillers' Grains, 15 lbs. O. P. oil meal, 155 lbs. beet pulp; after the 24th 12 lbs. cob meal and 8 lbs. beet pulp; ensilage, alfalfa and timothy hay.
Jan., 1916. 5.5 lbs. grain daily of the following mixture: 9 lbs. bran, 6 lbs. each Brewers' Grains and Distillers' Grains, 12 lbs. gluten; 6 lbs. beets, ensilage and mixed hay.

4184 **Fanny's Sequel's Delia 42462**

Sire Imp. Fanny's Sequel (19563) A. R.
Sire Imp. Masher's Sequel (11462) A. R.
Dam On Guernsey Masher's Fanny (R. G. A. S. 5070 P. S.).
Dam Buckley's Last Delia (26447).
Sire Bell-metal of Lewison (11881).
Dam Tritoma of Scipio (12378).
Breeder Albert G. Buckley, Valley Falls, N. Y.
Owner Westtown School, Westtown, Pa.
Born June 18, 1912. *Calved* Dec. 2, 1914.
Requirement for admission: 267.30 lbs. butter fat.

Official year's record: 6492.20 lbs. milk; 345.06 lbs. butter fat.

(Record from Dec. 4, 1914 to Dec. 3, 1915.)
Supervised under one day test by Pennsylvania Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1914,	527.40 lbs.	4.77 %	25.16 lbs.
Jan.,	1915,	714.30 "	4.77 "	34.07 "
Feb.,	"	624.20 "	4.95 "	30.90 "
Mar.,	"	678.40 "	5.14 "	34.87 "
Apr.,	"	644.60 "	5.30 "	34.16 "
May,	"	611.00 "	5.08 "	31.04 "
June,	"	525.10 "	5.26 "	27.62 "
July,	"	486.70 "	5.71 "	27.79 "
Aug.,	"	431.40 "	6.13 "	26.44 "
Sept.,	"	456.80 "	6.16 "	28.14 "
Oct.,	"	405.70 "	5.33 "	21.62 "
Nov.,	"	353.50 "	6.06 "	21.24 "
Dec.,	"	33.10 "	6.06 "	2.01 "
Total		6492.20 lbs.	5.31 Av. %	345.06 lbs.

Feed

Dec., 1914. 10 lbs. grain daily, 8 lbs. of the following mixture with 2 lbs. bran added: 700 lbs. corn and cob meal, 200 lbs. Homcoline, 300 lbs. each gluten and molassine meal, 400 lbs. cottonseed meal; 2 lbs. beet pulp, 25 lbs. ensilage, 5 lbs. alfalfa hay.
Jan., 1915. 9.5 lbs. grain daily, 8 lbs. of the following mixture with 1.5 lbs. corn and cob meal added: 700 lbs. corn and cob meal, 200 lbs. gluten, 300 lbs. each Homcoline and molasses feed, 400 lbs. cottonseed meal, 100 lbs. oil meal; 3 lbs. beet pulp, 30 lbs. ensilage, 5 lbs. alfalfa hay.
Feb., 1915. 8 lbs. grain daily same mixture as given in January; same roughage.
Mar., 1915. 8.6 lbs. grain daily same mixture as given in January; 3 lbs. beet pulp, 30 lbs. ensilage, 5 lbs. alfalfa hay.
Apr., 1915. Same ration as given in March.
May, 1915. Same ration as given in March except after 15th ensilage only once a day, pasture one half day, and no hay.
June, 1915. Same ration as given last of May.
July, 1915. 8 lbs. grain daily of the following mixture: 500 lbs. each gluten and cottonseed meal, 1600 lbs. Homcoline, 1800 lbs. Clover Leaf Dairy Feed, 200 lbs. oil meal, 400 lbs. beet pulp; 3 lbs. wet beet pulp, 15 lbs. ensilage, 8 hours pasture.
Aug., 1915. 7 lbs. grain daily same mixture as given in July; 15 lbs. ensilage, pasture.
Sept., 1915. 7 lbs. grain daily of the following mixture: 600 lbs. bran, 500 lbs. each gluten and cottonseed meal, 1500 lbs. Homcoline, 1200 lbs. Clover Leaf Dairy Feed, 300 lbs. oil meal, 400 lbs. beet pulp; 15 lbs. ensilage and pasture from 1st to 16th, from 17th to 30th 30 lbs. ensilage with alfalfa hay.
Oct., 1915. Same ration as given last half of September.
Nov., 1915. 6 lbs. grain daily of the following mixture: 500 lbs. each bran, gluten, and beet pulp, 1400 lbs. Clover Leaf Dairy Feed, 1500 lbs. Homcoline, 400 lbs. cottonseed meal, 200 lbs. oil meal; 30 lbs. ensilage, 6 lbs. alfalfa hay.
Dec., 1915. Same ration as given in November.

4185 **May King's Dolly of Ingleside 39990**

Sire May King of Ingleside (12558) A. R.
Sire Imp. King of the May (9001) A. R.
Dam Dolly Bloom of Langwater (15452) A. R. 674.
Dam Dolly's Glenwood Girl of Ingleside (27892) A. R. 1465.
Sire Glenwood Boy of Haddon (4605) A. R.
Dam Dolly Dillon (14226) A. R. 987.
Breeder Truman W. Brophy, Edison Park, Ill.
Owner Truman W. Brophy, Edison Park, Ill.

Born Oct. 16, 1911. *Calved* Jan. 20, 1914. *Served* May 24, 1914. *Calved* Feb. 25, 1915.

Requirement for admission: 275.10 lbs. butter fat.

Official year's record: 8705.10 lbs. milk; 444.03 lbs. butter fat.

(Record from June 20, 1914 to June 19, 1915.)
Supervised by Illinois Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
June,	1914,	231.10 lbs.	5.13 %	11.86 lbs.
July,	"	680.50 "	4.32 "	29.40 "
Aug.,	"	744.50 "	4.48 "	33.35 "
Sept.,	"	655.30 "	4.78 "	31.32 "
Oct.,	"	630.50 "	5.43 "	34.24 "
Nov.,	"	719.80 "	4.89 "	35.20 "
Dec.,	"	698.60 "	5.18 "	36.19 "
Jan.,	1915,	542.10 "	5.47 "	29.65 "
Feb.,	"	352.90 "	5.51 "	19.44 "
		69.10 "	5.52 "	3.81 "
Mar.,	"	969.80 "	5.52 "	53.53 "
Apr.,	"	950.30 "	5.27 "	50.08 "
May,	"	950.10 "	5.19 "	49.31 "
June,	"	510.50 "	5.22 "	26.65 "
Total		8705.10 lbs.	5.10 Av. %	444.03 lbs.

Feed

June, 1914. 17 lbs. grain daily of the following mixture: 7 lbs. bran, 2 lbs. each corn meal and gluten, 5 lbs. ground oats, 1 lb. oil meal; 8 lbs. beet pulp, 20 lbs. ensilage, 12 lbs. alfalfa hay.
July, 1914. 17 lbs. grain daily of the following mixture: 6 lbs. bran, 4 lbs. each corn meal and ground oats, 2 lbs. gluten, 1 lb. oil meal; 8 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa hay.
Aug., 1914. 19 lbs. grain daily of the following mixture: 6 lbs. bran, 4 lbs. each corn meal, ground oats, and gluten, 1 lb. oil meal; 6 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa hay.
Sept., 1914. 21 lbs. grain daily of the following mixture: 6 lbs. bran, 5 lbs. each corn meal and ground oats, 4 lbs. gluten, 1 lb. oil meal; 6 lbs. beet pulp, 20 lbs. ensilage, 15 lbs. alfalfa hay.
Oct., 1914. 12 lbs. grain daily of the following mixture: 4 lbs. each bran and gluten, 3 lbs. ground corn and oats, 1 lb. oil meal; 2 lbs. beet pulp, 15 lbs. ensilage, 10 lbs. alfalfa hay.
Nov., 1914. 12 lbs. grain daily of the following mixture: 4 lbs. bran, 2 lbs. each corn meal, ground oats, and gluten, 1 lb. each cottonseed meal and oil meal; 4 lbs. beet pulp, 10 lbs. each ensilage and alfalfa hay.
Dec., 1914. 15 lbs. grain daily of the following mixture: 4 lbs. each bran and gluten, 6 lbs. ground corn and oats, 1 lb. oil meal; 20 lbs. ensilage, 15 lbs. alfalfa hay.
Jan., 1915. 11 lbs. grain daily of the following mixture: 4 lbs. bran, 4 lbs. ground corn and oats, 2 lbs. gluten, 1 lb. oil meal; 15 lbs. each ensilage and alfalfa hay.
Feb., 1915. 15 lbs. grain daily of the following mixture: 6 lbs. bran, 4 lbs. ground corn and oats, 4 lbs. gluten, 1 lb. oil meal; 20 lbs. ensilage, 15 lbs. alfalfa hay.
Mar., 1915. 17 lbs. grain daily of the following mixture: 6 lbs. bran, 6 lbs. ground corn and oats, 4 lbs. gluten, 1 lb. oil meal; 10 lbs. roots, 35 lbs. ensilage, 10 lbs. alfalfa hay.
Apr., 1915. 16 lbs. grain daily of the following mixture: 6 lbs. bran, 4 lbs. ground corn and oats, 3 lbs. gluten, 2 lbs. cottonseed meal, 1 lb. oil meal; 40 lbs. ensilage, 10 lbs. alfalfa hay.
May, 1915. 15.5 lbs. grain daily from 1st to 8th of the following mixture: 4 lbs. each bran, ground corn, and ground oats, 2 lbs. gluten, 1 lb. cottonseed meal, .5 lb. oil meal; from 9th to 31st 18 lbs. daily of 6 lbs. each bran and ground (corn and oats), 4 lbs. gluten, 1 lb. each cottonseed meal and oil meal; 30 lbs. ensilage, 10 lbs. alfalfa hay.
June, 1915. 14 lbs. grain daily of the following mixture: 6 lbs. bran, 4 lbs. ground corn and oats, 3 lbs. gluten, 1 lb. oil meal; 30 lbs. ensilage, 10 lbs. alfalfa hay.

4186 **May King's Neanietta of Ingleside 40814**

Sire May King of Ingleside (12558) A. R.
Sire Imp. King of the May (9001) A. R.
Dam Dolly Bloom of Langwater (15452) A. R. 674.
Dam Neanie (20707) A. R. 780.
Sire Nansen (8235) A. R.
Dam Nectar 3d (9372).
Breeder T. W. Brophy, Edison Park, Ill.
Owner T. W. Brophy, Edison Park, Ill.
Born Jan. 5, 1912. *Calved* Aug. 31, 1914.
Requirement for admission: 274.50 lbs. butter fat.

Official year's record: 8802.50 lbs. milk; 451.73 lbs. butter fat.

(Record from Sept. 3, 1914 to Sept. 2, 1915.)
Supervised by Illinois Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1914,	788.20 lbs.	4.16 %	32.79 lbs.
Oct.,	"	847.50 "	4.55 "	38.56 "
Nov.,	"	969.20 "	4.85 "	47.01 "
Dec.,	"	917.20 "	4.99 "	45.77 "
Jan.,	1915,	762.90 "	5.13 "	39.14 "
Feb.,	"	672.50 "	5.09 "	34.23 "
Mar.,	"	694.00 "	5.65 "	39.21 "
Apr.,	"	673.00 "	5.65 "	38.02 "
May,	"	661.30 "	5.17 "	34.19 "
June,	"	586.10 "	5.30 "	31.06 "
July,	"	644.60 "	5.95 "	38.35 "
Aug.,	"	549.50 "	5.70 "	31.32 "
Sept.,	"	36.50 "	5.70 "	2.08 "
Total		8802.50 lbs.	5.13 Av. %	451.73 lbs.

Feed

Sept., 1914. 9.5 to 15 lbs. grain daily of the following total amounts: 142 lbs. bran, 42 lbs. corn meal, 64 lbs. ground oats, 77 lbs. gluten, 18 lbs. oil meal; 3 to 5 lbs. beet pulp, 15 to 16 lbs. ensilage, 10 lbs. each alfalfa and mixed hay.
Oct., 1914. 16 lbs. grain daily of the following mixture: 6 lbs. bran, 4 lbs. ground oats and corn, 5 lbs. gluten, 1 lb. oil meal; 6 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. each alfalfa and mixed hay.
Nov., 1914. 16 lbs. grain daily of the following mixture: 5 lbs. bran, 2 lbs. corn meal, 3 lbs. ground oats, 4 lbs. gluten, 1 lb. each cottonseed meal and oil meal; 6 lbs. each beet pulp and ensilage, cabbages, 10 lbs. each alfalfa and mixed hay.
Dec., 1914. 11 lbs. grain daily of the following mixture: 6 lbs. bran, 4 lbs. ground corn and oats, 1 lb. oil meal; 20 lbs. ensilage, 10 lbs. alfalfa hay.
Jan., 1915. 13 lbs. grain daily of the following mixture: 6 lbs. each bran and ground (corn and oats), 1 lb. oil meal; 20 lbs. ensilage, 10 lbs. alfalfa hay.
Feb., 1915. 11 lbs. grain daily of the following mixture: 6 lbs. bran, 4 lbs. ground corn and oats, 1 lb. oil meal; 20 lbs. ensilage, 10 lbs. alfalfa hay.
Mar., 1915. 16 lbs. grain daily of the following mixture: 6 lbs. bran, 5 lbs. ground corn and oats, 4 lbs. gluten, 1 lb. oil meal; 10 lbs. each roots and alfalfa hay, 30 lbs. ensilage.
Apr., 1915. 17 lbs. grain daily of the following mixture: 6 lbs. bran, 4 lbs. each ground (corn and oats) and gluten, 2 lbs. cottonseed meal, 1 lb. oil meal; 30 lbs. ensilage, 10 lbs. alfalfa hay.
May, 1915. 14 lbs. grain daily of the following mixture: 6 lbs. bran, 4 lbs. ground corn and oats, 2 lbs. gluten, 1 lb. each cottonseed meal and oil meal; 20 lbs. ensilage, 10 lbs. alfalfa hay, pasture.
June, 1915. 11 lbs. grain daily of the following mixture: 4 lbs. each bran and ground (corn and oats), 2 lbs. gluten, 1 lb. oil meal; 20 lbs. ensilage, 10 lbs. alfalfa hay.
July, 1915. 11 lbs. grain daily of the following mixture: 4 lbs. each bran and ground (corn and oats), 2 lbs. gluten, 1 lb. oil meal; 25 lbs. ensilage, 10 lbs. alfalfa hay.
Aug., 1915. 10 lbs. grain daily of the following mixture: 4 lbs. each bran and ground (corn and oats), 2 lbs. gluten; 30 lbs. alfalfa hay.
Sept., 1915. 13 lbs grain daily of the following mixture: 4 lbs. each bran, ground (corn and oats), and gluten, 1 lb. oil meal; 6 lbs. beets, 20 lbs. ensilage, pasture.

4187 **Imp. Governor of the Chêne's Diamond 36656**

Sire On Guernsey Governor of the Chêne (R. G. A. S. 1297 P. S.) A. R.
Sire On Guernsey Compact (R. G. A. S. 1076 P. S.).
Dam On Guernsey Richesse du Chêne VIII. (R. G. A. S. 4004 P. S.).
Dam Imp. Lovedale V. (31983).
Sire On Guernsey Smilax of the Niaux II. (R. G. A. S. 1508 P. S.).
Dam On Guernsey Lovedale III. (R. G. A. S. 5454 P. S.).
Breeder O. H. Brouard, Island of Guernsey.
Owner E. W. Oglebay, Elm Grove, W. Va.
Born Oct. 15, 1910. *Calved* Nov. 23, 1914. *Served* May 3, 1915.
Requirement for admission: 327.50 lbs. butter fat.

Official year's record: 11522.30 lbs. milk; 561.72 lbs. butter fat.

(Record from Nov. 25, 1914 to Nov. 24, 1915.)
Supervised by West Virginia Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1914,	135.80 lbs.	4.98 %	6.76 lbs.
Dec.,	"	1069.10 "	4.98 "	53.24 "
Jan.,	1915,	1172.80 "	4.83 "	56.65 "
Feb.,	"	980.30 "	4.96 "	48.62 "
Mar.,	"	1081.50 "	4.84 "	52.34 "
Apr.,	"	1024.80 "	4.90 "	50.22 "
May,	"	997.80 "	5.11 "	50.99 "
June,	"	967.90 "	4.33 "	41.91 "
July,	"	951.70 "	4.44 "	42.26 "
Aug.,	"	877.60 "	4.70 "	41.25 "
Sept.,	"	841.20 "	4.92 "	41.39 "
Oct.,	"	813.00 "	5.39 "	43.82 "
Nov.,	"	608.80 "	5.30 "	32.27 "
Total		11522.30 lbs.	4.88 Av. %	561.72 lbs.

Feed

Nov., 1914. 6.75 lbs. grain daily of the following mixture: 3 lbs. bran, 1.5 lbs. ground oats, .75 lb. each Distillers' Grains, gluten, and oil meal; 1.5 lbs. beet pulp, 10 to 25 lbs. ensilage, 5 to 10 lbs. hay.

Dec., 1914. 10.5 to 13.5 lbs. grain daily, 9 lbs. to the 6th, then 12 lbs., of the following mixture with 1.5 lbs. ground oats added: 300 lbs. bran, 200 lbs. each shelled corn, Distillers' Grains, and beet pulp, 100 lbs. each ground oats and oil meal, 50 lbs. cottonseed meal; 20 to 30 lbs. ensilage, 8 to 10 lbs. alfalfa hay.

Jan., 1915. 13.5 to 15 lbs. grain daily, 12 to 13.5 lbs. of the following mixture with 1.5 lbs. ground oats added daily: 300 lbs. bran, 100 lbs. each ground oats, Homcoline, and oil meal, 200 lbs. each Distillers' Grains and beet pulp, 50 lbs. cottonseed meal; 30 lbs. ensilage, 7 lbs. alfalfa hay, 3 lbs. mixed hay.

Feb., 1915. 13.5 to 15 lbs. grain daily same mixture as given in January with 1.5 lbs. ground oats added daily from 1st to 5th; 2 lbs. molasses, 30 lbs. ensilage, 8 lbs. alfalfa, 2 lbs. mixed hay.

Mar., 1915. 15 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each ground oats and linseed oil meal, 200 lbs. each Distillers' Grains, Homcoline, and beet pulp, 50 lbs. cottonseed meal; 30 lbs. ensilage, 10 lbs. alfalfa hay.

Apr., 1915. 15 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each ground oats and oil meal, 200 lbs. each Homcoline, Distillers' Grains, and beet pulp, 50 lbs. cottonseed meal; 2 lbs. molasses, 30 lbs. ensilage, 7 lbs. hay.

May, 1915. 15 lbs. grain daily of the following mixture: 300 lbs. bran, 50 lbs. each ground oats and cottonseed meal, 200 lbs. each Homcoline, Distillers' Grains, and beet pulp, 100 lbs. oil meal; 2 lbs. molasses, 20 lbs. ensilage from 1st to 15th, then 10 to 20 lbs. green alfalfa, 7 lbs. hay.

June, 1915. 15 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. each Homcoline, beet pulp, and Distillers' Grains, 100 lbs. each gluten feed and oil meal, 50 lbs. cottonseed meal; 2 lbs. molasses, 30 lbs. green alfalfa to the 18th, then 25 lbs. green oats, 7 lbs. mixed hay to the 9th, then 10 lbs. alfalfa hay.

July, 1915. Same grain ration as given in June; 2 lbs. molasses, 30 lbs. green oats from 1st to 7th, 20 lbs. green alfalfa from 8th to 25th, 8 to 10 lbs. alfalfa hay.

Aug., 1915. 15 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. Distillers' Grains, 100 lbs. each Homcoline, gluten feed, and linseed meal, 50 lbs. cottonseed meal, 150 lbs. beet pulp; 2 lbs. molasses, 20 lbs. green corn, 10 lbs. alfalfa hay.

Sept., 1915. 15 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. each Homcoline and Distillers' Grains, 100 lbs. each gluten feed and oil meal, 50 lbs. cottonseed meal, 150 lbs. beet pulp; 2 lbs. molasses, 20 lbs. green corn except 3 days when 20 lbs. green alfalfa were given, 10 lbs. alfalfa hay.

Oct., 1915. 15 lbs. grain daily to the 13th, then 13.5 lbs. of the following mixture: 300 lbs. bran, 200 lbs. each Homcoline and Distillers' Grains, 125 lbs. gluten, 50 lbs. cottonseed meal, 100 lbs. linseed oil meal, 150 lbs. beet pulp; 2 lbs. molasses, 25 lbs. ensilage, 10 lbs. alfalfa hay.

Nov., 1915. 13.5 lbs. grain daily of the following mixture: 400 lbs. bran, 200 lbs. each Homcoline and Distillers' Grains, 125 lbs. gluten feed, 50 lbs. cottonseed meal, 100 lbs. linseed oil meal; 2 lbs. molasses from 1st to 20th, 30 lbs. ensilage, 10 lbs. alfalfa hay.

4188 **Milford's Bess of Waddington 35256**

Sire Imp. Aimable of France (13739) A. R.
Sire Imp. Galaxy's Sequel (16904) A. R.
Dam On Guernsey Amour des Frances IV. (R. G. A. S. 5208 P. S.).
Dam Milford of Waddington (22787) A. R. 2554.
Sire Marshall of France (9051) A. R.
Dam Imp. Milford Melon (20041) A. R. 1843.
Breeder E. W. Oglebay, Elm Grove, W. Va.
Owner E. W. Oglebay, Elm Grove, W. Va.
Born Nov. 20, 1910. *Calved* Dec. 18, 1914. *Served* May 12, 1915.
Requirement for admission: 326.90 lbs. butter fat.

Official year's record: 11121.40 lbs. milk; 533.79 lbs. butter fat.

(Record from Dec. 25, 1914 to Dec. 24, 1915.)
Supervised by West Virginia Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1914,	250.90 lbs.	4.80 %	12.04 lbs.
Jan.,	1915,	1288.50 "	4.80 "	61.85 "
Feb.,	"	1130.20 "	4.50 "	50.86 "
Mar.,	"	1154.50 "	4.82 "	55.65 "
Apr.,	"	1021.50 "	4.76 "	48.62 "
May,	"	1013.80 "	5.03 "	50.99 "
June,	"	916.70 "	3.84 "	35.20 "
July,	"	911.10 "	4.50 "	41.00 "
Aug.,	"	844.90 "	4.64 "	39.20 "
Sept.,	"	752.50 "	5.09 "	38.30 "
Oct.,	"	708.20 "	5.40 "	38.24 "
Nov.,	"	673.00 "	5.35 "	36.01 "
Dec.,	"	455.60 "	5.67 "	25.83 "
Total		11121.40 lbs.	4.80 Av. %	533.79 lbs.

Feed

Dec., 1914. 4.5 increased to 9 lbs. grains daily of the following mixture (total 82.5 lbs.) with 1.5 lbs. ground oats added: 300 lbs. bran, 200 lbs. each shelled corn, Distillers' Grains, and beet pulp, 100 lbs. each ground oats and oil meal, 50 lbs. cottonseed meal; 5 to 20 lbs. ensilage, 6 to 10 lbs. hay.

Jan., 1915. 10.5 increased to 16.5 lbs. grain daily of the following mixture (total 426.75 lbs.) with 1.5 lbs. ground oats added: 300 lbs. bran, 100 lbs. each ground oats, Homcoline, and O. P. oil meal, 200 lbs. each Distillers' Grains and beet pulp, 50 lbs. cottonseed meal; 2 lbs. molasses from 15th to 31st, 30 lbs. ensilage, 8 lbs. alfalfa, 2 lbs. mixed hay.

Feb., 1915. 18.75 lbs. grain daily, 16.5 lbs. of the following mixture with 2.25 lbs. ground oats added: 300 lbs. bran, 100 lbs. each ground oats and oil meal, 200 lbs. each Ajax Flakes and beet pulp, 50 lbs. cottonseed meal; 2 lbs. each molasses and mixed hay, 35 lbs. ensilage, 8 lbs. alfalfa hay.

Mar., 1915. 18 lbs. grain daily, 16.5 lbs. of the following mixture with 1.5 lbs. ground oats added: 300 lbs. bran, 100 lbs. each ground oats and linseed meal, 200 lbs. each Distillers' Grains, Homcoline, and beet pulp, 50 lbs. cottonseed meal; 35 lbs. ensilage, 10 lbs. alfalfa hay.

Apr., 1915. 16.5 to 12 lbs. grain daily of the following mixture (total of 439 lbs.): 300 lbs. bran, 100 lbs. each ground oats and oil meal, 200 lbs. each Homcoline, Distillers' Grains, and beet pulp, 50 lbs. cottonseed meal; 2 lbs. molasses, 35 to 25 lbs. ensilage, 8 lbs. hay.

May, 1915. 15 lbs. grain daily of the following mixture: 300 lbs. bran, 50 lbs. each ground oats and cottonseed meal, 200 lbs. each Homcoline, Distillers' Grains, and beet pulp, 100 lbs. oil meal; 2 lbs. molasses, 20 lbs. ensilage to the 16th, then 10 to 20 lbs. green alfalfa, 8 lbs. hay.

June, 1915. 15 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. each Homcoline, Distillers' Grains, and beet pulp, 100 lbs. each gluten and oil meal, 50 lbs. cottonseed meal; 2 lbs. molasses, 30 lbs. green alfalfa to the 18th, then 25 lbs. ensilage, 8 lbs. mixed hay to the 8th, then 10 lbs. alfalfa hay.

July, 1915. Same grain ration as given in June; 2 lbs. molasses, 30 lbs. green oats to the 7th, 20 lbs. green alfalfa from 8th to 25th, 10 lbs. alfalfa hay.

Aug., 1915. 15 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. Distillers' Grains, 100 lbs. each Homcoline, gluten, and linseed meal, 50 lbs. cottonseed meal, 150 lbs. beet pulp; 2 lbs. molasses, 20 lbs. green corn, 10 lbs. alfalfa hay.

Sept., 1915. 15 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. each Homcoline and Distillers' Grains, 100 lbs. each gluten feed and oil meal, 50 lbs. cottonseed meal, 150 lbs. beet pulp; 2 lbs. molasses, 20 lbs. green corn from 1st to 4th and from 8th to 31st, 20 lbs. green alfalfa on 5th, 6th, and 7th, 10 lbs. alfalfa hay.

Oct., 1915. 15 lbs. grain daily to the 13th, then 13.5 lbs., of the following mixture: 300 lbs. bran, 200 lbs. each Homcoline and Distillers' Grains, 125 lbs. gluten feed, 50 lbs. cottonseed meal, 150 lbs. beet pulp; 2 lbs. molasses, 25 lbs. ensilage, 10 lbs. alfalfa hay.

Nov., 1915. 13.5 lbs. grain daily of the following mixture: 400 lbs. bran, 200 lbs. each Homcoline and Distillers' Grains, 125 lbs. gluten feed, 50 lbs. cottonseed meal, 100 lbs. linseed oil meal; 2 lbs. molasses from 1st to 20th, 30 lbs. ensilage, 10 lbs. alfalfa hay.

Dec., 1915. 13.5 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. each Distillers' Grains and Homcoline, 125 lbs. gluten, 50 lbs. cottonseed meal; 25 lbs. ensilage, 8 lbs. alfalfa hay.

4189 Imp. Beauty of les Simons 34253

Sire On Guernsey Northern Boy (R. G. A. S. 1779 P. S.) A. R.
Sire On Guernsey Smilax of the Niaux II. (R. G. A. S. 1508 P. S.).
Dam On Guernsey Confidence III. (R. G. A. S. 4890 P. S.).
Dam On Guernsey Beauty IV. of the Forgettes (R. G. A. S. 5855 P. S.).
Sire On Guernsey Jap (R. G. A. S. 1513 P. S.) A. R.
Dam On Guernsey Beauty III. of the Forgettes (R. G. A. S. 5854 P. S.).
Breeder John B. Tostevin, Island of Guernsey.
Owner Thomas F. Ryan, Oak Ridge, Va.
Born Oct. 27, 1909. *Calved* Nov. 13, 1914.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 9401.10 lbs. milk; 457.32 lbs. butter fat.

(Record from Nov. 17, 1914 to Nov. 16, 1915.)
Supervised by Virginia Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1914,	506.20 lbs.	4.58 %	23.10 lbs.
Dec.,	"	1144.00 "	4.58 "	52.40 "
Jan.,	1915,	1082.10 "	4.37 "	47.29 "
Feb.,	"	881.60 "	4.75 "	41.88 "
Mar.,	"	886.90 "	4.58 "	40.62 "
Apr.,	"	794.30 "	4.85 "	38.52 "
May,	"	757.60 "	5.26 "	39.85 "
June,	"	695.10 "	5.08 "	35.31 "
July,	"	707.70 "	5.03 "	35.60 "
Aug.,	"	680.80 "	4.79 "	32.61 "
Sept.,	"	631.50 "	5.39 "	34.04 "
Oct.,	"	499.20 "	5.86 "	29.25 "
Nov.,	"	134.10 "	5.11 "	6.85 "
Total		9401.10 lbs.	4.85 Av. %	457.32 lbs.

Feed

Nov., 1914. 10 lbs. grain daily of the following mixture: 90 lbs. each bran, gluten, and cottonseed meal, 30 lbs. oil meal; 30 lbs. ensilage, hay.
Dec., 1914. Same ration as given in November.
Jan., 1915. 13 lbs. grain daily of the following mixture: 4 lbs. each bran and gluten, 2 lbs. each Brewers' Grains and cottonseed meal, 1 lb. oil meal; 35 lbs. ensilage, hay.
Feb., 1915. Same ration as given in January.
Mar., 1915. Same ration as given in January.
Apr., 1915. Same ration as given in January.
May, 1915. Same ration as given in January.
June, 1915. 9 lbs. grain daily of the following mixture: 2 lbs. each bran, Brewers' Grains, gluten, and cottonseed meal, 1 lb. oil meal; 20 lbs. ensilage, pasture.
July, 1915. Same ration as given in June.
Aug., 1915. Same ration as given in June.
Sept., 1915. Same ration as given in June.
Oct., 1915. 9 lbs. grain daily of the following mixture: 2 lbs. each bran, Ajax Flakes, Brewers' Grains, and cottonseed meal, 1 lb. oil meal; 20 lbs. ensilage, pasture.
Nov., 1915. Same grain ration as given in October; 30 lbs. ensilage, alfalfa hay.

4190 Imp. Anita of Linwood 51561

Sire On Guernsey Saints' Champion (R. G. A. S. 2362 P. S.).
Sire On Guernsey Forest Champion (R. G. A. S. 1789 P. S.).
Dam On Guernsey Villiaze Maid (R. G. A. S. 6306 P. S.).
Dam On Guernsey Maid of Saints (R. G. A. S. 8911 P. S.).
Sire Imp. Lord Mar (14359) A. R.
Dam On Guernsey The Maid (R. G. A. S. 2106 F. S.).
Breeder Henry Brouard, Island of Guernsey.
Owner Homer F. Rundell, Livingston, Wis.
Born July 2, 1912. *Calved* Jan. 16, 1915. *Served* May 13, 1915.
Requirement for admission: 271.10 lbs. butter fat.

Official year's record: 6496.80 lbs. milk; 335.86 lbs. butter fat.

(Record from Jan. 25, 1915 to Jan. 24, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	164.10 lbs.	5.34 %	8.76 lbs.
Feb.,	"	699.00 "	4.92 "	34.39 "
Mar.,	"	718.80 "	4.39 "	31.56 "
Apr.,	"	664.20 "	4.44 "	29.49 "
May,	"	651.60 "	5.15 "	33.56 "
June,	"	592.70 "	5.04 "	29.87 "
July,	"	577.60 "	4.92 "	28.42 "
Aug.,	"	533.80 "	5.25 "	28.02 "
Sept.,	"	436.80 "	5.80 "	25.33 "
Oct.,	"	419.40 "	6.54 "	27.43 "
Nov.,	"	354.70 "	5.26 "	18.66 "
Dec.,	"	390.40 "	6.10 "	23.81 "
Jan.,	1916,	293.70 "	5.64 "	16.56 "
Total		6496.80 lbs.	5.16 Av. %	335.86 lbs.

Feed

Jan., 1915. 7 lbs. grain daily, 3 lbs. of the following mixture with 4 lbs. equal parts bran and ground oats added: 125 lbs. Ajax Flakes, 100 lbs. each gluten and oil meal; 15 lbs. ensilage, 5 lbs. alfalfa hay.
Feb., 1915. Same ration as given in January.
Mar., 1915. Same ration as given in January.
Apr., 1915. Same ration as given in January.
May, 1915. Same ration as given in January with pasture after the 15th.
June, 1915. Same ration as given last of May.
July, 1915. Same ration as given last of May.
Aug., 1915. Same ration as given last of May.
Sept., 1915. 5 lbs. grain daily equal parts bran, ground oats, and ground barley; 8 lbs. ensilage, 5 lbs. clover hay, pasture.
Oct., 1915. 5 lbs. grain daily equal parts bran, ground barley, and ground oats; 8 lbs. ensilage, 5 lbs. clover hay, pasture.
Nov., 1915. 5 lbs. grain daily of the following mixture: 1 part each bran, ground oats, and ground barley, .33 part gluten meal; 18 lbs. ensilage, 16 lbs. alfalfa hay.
Dec., 1915. Same ration as given in November.
Jan., 1916. Same ration as given in November.

4191 Betsey Johnson 27883

Sire Gen. Johnson Rose Bud (11557).
Sire Philwood 6th (9031).
Dam Josie Rose Bud (13553).
Dam Fidelia Rose Bud (12924).
Sire Watonwan Chief (4770).
Dam Ruth Rose Bud (9016).
Breeder H. H. Hiniker, Mankato, Minn.
Owner T. C. Norman, Lake Crystal, Minn.
Born Mar. 24, 1909. *Calved* Jan. 23, 1915. *Served* Aug. 6, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 17508.10 lbs. milk; 640.39 lbs. butter fat.

(Record from Feb. 8, 1915 to Feb. 7, 1916.)
Supervised under one day test by Minnesota Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Feb.,	1915,	1057.60 lbs.	4.10 %	43.36 lbs.
Mar.,	"	1827.40 "	3.80 "	69.44 "
Apr.,	"	1821.80 "	3.52 "	64.13 "
May,	"	1845.50 "	3.59 "	66.25 "
June,	"	1880.90 "	3.31 "	62.26 "
July,	"	1710.50 "	3.61 "	61.75 "
Aug.,	"	1500.10 "	3.55 "	53.25 "
*Sept.,	"	1151.30 "	3.31 "	38.11 "
Oct.,	"	1315.80 "	3.71 "	48.82 "
Nov.,	"	1045.90 "	4.05 "	42.36 "
Dec.,	"	1080.50 "	3.98 "	43.00 "
Jan.,	1916,	1058.10 "	3.75 "	39.68 "
Feb.,	"	212.70 "	3.75 "	7.98 "
Total		17508.10 lbs.	3.66 Av. %	640.39 lbs.

*4 days lacking in September.

Feed

Feb., 1915. 12 lbs. grain daily of the following mixture from 8th to the 15th: 5 lbs. bran, 2 lbs. corn meal, 3 lbs. ground oats, 1 lb. each cottonseed meal and oil meal; 18 lbs. grain daily after the 15th of 8 lbs. bran, 4 lbs. each corn meal and ground oats, 1 lb. each cottonseed meal and oil meal; 28 lbs. ensilage, 7 lbs. alfalfa hay.
Mar., 1915. 19 lbs. grain daily of the following mixture to the 19th: 8 lbs. bran, 4 lbs. each corn meal and ground oats, 1.5 lbs. each cottonseed meal and oil meal; 22 lbs. grain daily from the 20th to the 31st of 10 lbs. bran, 5 lbs. corn meal, 3 lbs. Unicorn Dairy Ration, 2 lbs. each cottonseed meal and oil meal; 30 to 35 lbs. ensilage, 7 lbs. alfalfa hay.
Apr., 1915. Same ration as given last of March.
May, 1915. 12 lbs. grain daily of the following mixture: 4 lbs. each bran, corn meal, and ground oats; green alfalfa and pasture.
June, 1915. 15 lbs. grain daily of the following mixture with .5 lb. cottonseed meal added after the 22d: 10 lbs. corn meal, 5 lbs. ground oats; green alfalfa to the 19th, alfalfa hay from 20th to 30th, pasture.
July, 1915. 13 lbs. grain daily of the following mixture: 8 lbs. bran, 4 lbs. ground oats, 1 lb. cottonseed meal; pasture.
Aug., 1915. 13 lbs. grain daily of the following mixture: 12 lbs. ground oats, 1 lb. oil meal; 15 lbs. roots, 6 lbs. alfalfa hay, and pasture.
Sept., 1915. 11 lbs. grain daily, 10 lbs. of ground oats, 1 lb. oil meal; cut sweet corn and pasture.
Oct., 1915. 12 lbs. grain daily of equal parts bran and ground oats; 15 lbs. beets, soft corn from 20th to 31st, alfalfa pasture.
Nov., 1915. 10 lbs. ground oats daily; soft corn, 25 lbs. ensilage, pasture.
Dec., 1915. 12 lbs. grain daily of the following mixture with 1.5 lbs. oil meal added after the 11th: 6 lbs. each bran and ground oats; 25 lbs. ensilage, alfalfa and clover hay.
Jan., 1916. Same ration as given in latter part of December.
Feb., 1916. Same ration as given in January.

4192 Choice's Silver Girl 41593

Sire Dairymaid's Choice of Pinehurst (13618) A. R.
Sire Glenwood Boy of Haddon (4605) A. R.
Dam Dairymaid of Elm Place (14197) A. R. 19.
Dam Glenwood's Silver Girl (23871) A. R. 1363.
Sire Glenwood's Main Stay 15th (9383) A. R.
Dam Silver Bower of Hollywood (18668).
Breeder Mary M. Vaux, Bryn Mawr, Pa.
Owner Mary M. Vaux, Bryn Mawr, Pa.
Born June 4, 1912. *Calved* May 28, 1914. *Served* Oct. 13, 1914.
Requirement for admission: 251.30 lbs. butter fat.

Official year's record: 7654.20 lbs. milk; 377.74 lbs. butter fat.

(Record from June 13, 1914 to June 12, 1915.)
Supervised by Pennsylvania Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
June,	1914,	583.60 lbs.	4.20 %	24.51 lbs.
July,	"	960.50 "	4.20 "	40.34 "
Aug.,	"	918.70 "	4.49 "	41.25 "
Sept.,	"	729.60 "	4.96 "	36.19 "
Oct.,	"	681.30 "	5.18 "	35.29 "
Nov.,	"	615.30 "	5.19 "	31.93 "
Dec.,	"	569.40 "	5.19 "	29.55 "
Jan.,	1915,	544.10 "	5.20 "	28.29 "
Feb.,	"	472.80 "	5.23 "	24.73 "
Mar.,	"	522.20 "	5.66 "	29.56 "
Apr.,	"	491.20 "	5.31 "	26.08 "
May,	"	448.30 "	5.31 "	23.80 "
June,	"	117.20 "	5.31 "	6.22 "
Total		7654.20 lbs.	4.94 Av. %	377.74 lbs.

Feed

June, 1914. 9 lbs. grain daily of the following mixture: 1 lb. bran, 2 lbs. ground oats, 6 lbs. Unicorn Dairy Ration; 2 lbs. beet pulp, 4 lbs. ensilage, alfalfa hay and pasture.
July, 1914. Same grain ration as given in June; 2 lbs. beet pulp, 6 lbs. ensilage, alfalfa hay and pasture.
Aug., 1914. 8 lbs. grain daily of the following mixture: 2 lbs. bran, 6 lbs. Unicorn Dairy Ration; roots, beet pulp, and alfalfa hay.
Sept., 1914. 8 lbs. grain daily of the following mixture: 1 lb. each bran and ground oats, 6 lbs. Unicorn Dairy Ration; mangel roots and alfalfa hay.
Oct., 1914. 1 lb. Unicorn Dairy Ration to each 3.5 lbs. milk; 20 lbs. mangels and carrots, alfalfa hay.
Nov., 1914. Same grain ration as given in October; mangels, ensilage, and mixed hay.
Dec., 1914. Same ration as given in November.
Jan., 1915. Same ration as given in November.
Feb., 1915. Same ration as given in November.
Mar., 1915. Same grain ration as given in October; beet pulp, ensilage, alfalfa and mixed hay.
Apr., 1915. Same grain ration as given in October; 1 lb. beet pulp, 6 lbs. ensilage, alfalfa hay.
May, 1915. Same ration as given in April.
June, 1915. Same ration as given in April.

4193 Lobelia of Harriton 37350

Sire Dairymaid's Choice of Pinehurst (13618) A. R.
Sire Glenwood Boy of Haddon (4605) A. R.
Dam Dairymaid of Elm Place (14197) A. R. 19.
Dam Lalla H. (25337) A. R. 1892.
Sire Sir Primrose (5528) A. R.
Dam Lalla M. (17415) A. R. 427.
Breeder Miss M. M. Vaux, Bryn Mawr, Pa.
Owner Miss M. M. Vaux, Bryn Mawr, Pa.
Born July 27, 1911. *Calved* Apr. 7, 1914. *Served* Aug. 3, 1914.
Requirement for admission: 278.20 lbs. butter fat.

Official year's record: 8036.50 lbs. milk; 342.37 lbs. butter fat.

Supervised by Pennsylvania Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
May,	1914,	941.60 lbs.	4.04 %	38.04 lbs.
June,	"	884.10 "	4.26 "	37.66 "
July,	"	837.80 "	4.06 "	34.01 "
Aug.,	"	835.90 "	4.13 "	34.52 "
Sept.,	"	765.70 "	4.41 "	33.77 "
Oct.,	"	766.20 "	4.12 "	31.57 "
Nov.,	"	724.90 "	4.15 "	30.08 "
Dec.,	"	717.70 "	4.15 "	29.78 "
Jan.,	1915,	670.00 "	4.18 "	28.01 "
Feb.,	"	450.80 "	4.79 "	21.59 "
Mar.,	"	352.90 "	4.85 "	17.12 "
*Apr.,	"	88.90 "	5.20 "	6.22 "
Total		8036.50 lbs.	4.26 Av. %	342.37 lbs.

*Dry 14 days in April.

Feed

May, 1914. 1 lb. Unicorn Dairy Ration to each 4 lbs. milk; 2 lbs. beet pulp, 20 lbs ensilage, 10 lbs. alfalfa hay, pasture.
June, 1914. 10 lbs. grain daily of the following mixture: 2 lbs. each bran and ground oats, 6 lbs. Purina Dairy Feed; 2 lbs. peet pulp, 4 lbs. ensilage, alfalfa hay and pasture.
July, 1914. 1 lb. Unicorn Dairy Ration to each 3.5 lbs. milk with 1 lb. each bran and ground oats added daily; 2 lbs. beet pulp, 6 lbs. ensilage, alfalfa hay and pasture.
Aug., 1914. 9 lbs. grain daily of the following mixture: 2 lbs. bran, 7 lbs. Unicorn Dairy Ration; beet pulp, mangel roots, and alfalfa hay.
Sept., 1914. 1 lb. Unicorn Dairy Ration to each 3.5 lbs. milk; mangel roots and alfalfa hay.
Oct., 1914. Same grain ration as given in September; 25 lbs. green mangels, alfalfa hay.
Nov., 1914. Same grain ration as given in September; mangels, ensilage, and mixed hay.
Dec., 1914. Same ration as given in November.
Jan., 1915. Same ration as given in November.
Feb., 1915. Same ration as given in November.
Mar., 1915. Same grain ration as given in November; ensilage, alfalfa and mixed hay.
Apr., 1915. Same ration as given in March.

4194 Imp. Rose VIII. of the Barras 39645

Sire Imp. Galaxy's Sequel (16904) A. R.
Sire Imp. Masher's Sequel (11462) A. R.
Dam On Guernsey Galaxy (R. G. A. S. 4422 P. S.).
Dam Imp. Rose V. of the Barras (34973) A. R. 2420.
Sire Imp. Masher's Sequel (11462) A. R.
Dam On Guernsey Rose of the Barras (R. G. A. S. 2117 F. S.).
Breeder Thomas Foss, Island of Guernsey.
Owner Galen L. Stone, Marion, Mass.
Born Nov. 28, 1908. *Calved* Jan. 23, 1915. *Served* Sept. 28, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 11119.90 lbs. milk; 586.70 lbs. butter fat.

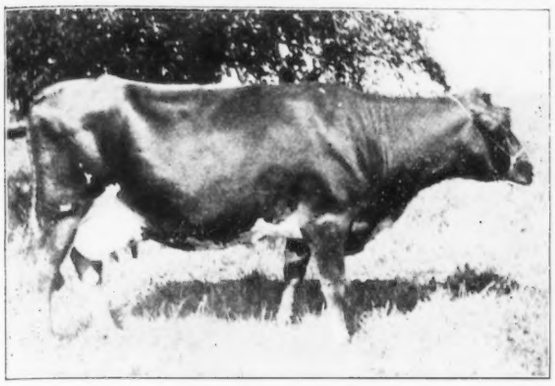
(Record from Jan. 27, 1915 to Jan. 26, 1916.)
Supervised by Massachusetts Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	162.40 lbs.	4.76 %	7.73 lbs.
Feb.,	"	1143.30 "	4.76 "	54.42 "
Mar.,	"	1263.30 "	4.89 "	61.78 "
Apr.,	"	1161.90 "	5.05 "	58.68 "
May,	"	1071.70 "	5.09 "	54.55 "
June,	"	1015.60 "	5.21 "	52.91 "
July,	"	1001.60 "	5.21 "	52.18 "
Aug.,	"	927.10 "	5.14 "	47.65 "
Sept.,	"	717.40 "	5.53 "	39.67 "
Oct.,	"	768.80 "	5.57 "	42.82 "
Nov.,	"	734.60 "	5.52 "	40.55 "
Dec.,	"	679.50 "	6.34 "	43.08 "
Jan.,	1916,	472.70 "	6.49 "	30.68 "
Total		11119.90 lbs.	5.28 Av. %	586.70 lbs.

Feed

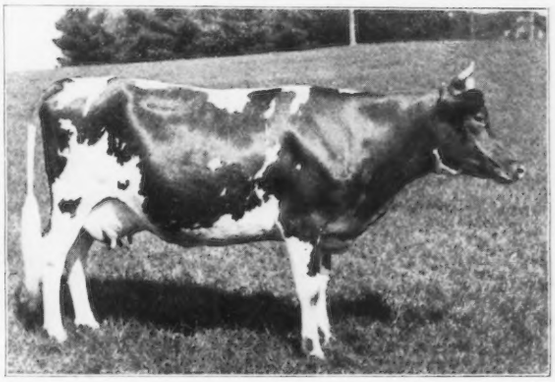
Jan., 1915. 8 lbs. grain daily of the following mixture: 100 lbs. each bran and crushed oats, 16 lbs. oil meal; 15 lbs. ensilage, 6 lbs. alfalfa hay.
Feb., 1915. 14 lbs. grain daily of the following mixture: 125 lbs. each bran and crushed oats, 50 lbs. hominy, 160 lbs. Ajax Flakes, 25 lbs. each cottonseed meal and O. P. oil meal; 6 lbs. each beet pulp and alfalfa hay, 25 lbs. ensilage.
Mar., 1915. 13.5 lbs. grain daily of the following mixture: 100 lbs. each bran and crushed oats, 25 lbs. each hominy and cottonseed meal, 160 lbs. Ajax Flakes, 50 lbs. O. P. oil meal; 7.5 lbs. beet pulp, 30 lbs. ensilage, 6 lbs. alfalfa hay.
Apr., 1915. 14 lbs. grain daily same mixture as given in March; 6 lbs. each beet pulp and alfalfa hay, 25 lbs. ensilage.
May, 1915. 13.5 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 25 lbs. hominy, 160 lbs. Ajax Flakes, 50 lbs. cottonseed meal, 60 lbs O. P. oil meal; 4.5 lbs. beet pulp, 6 lbs. alfalfa hay, green feed.
June, 1915. Same grain ration as given in May; 1 qt. molasses, 6 lbs. beet pulp, 30 lbs. green feed, 3 lbs. alfalfa hay.
July, 1915. 14 lbs. grain daily same mixture as given in May; 1 lb. molasses, 4 lbs. beet pulp, green feed, 3 lbs. alfalfa hay.
Aug., 1915. 11 lbs. grain daily of the following mixture: 100 lbs. bran, 75 lbs. ground oats, 160 lbs. Ajax Flakes, 50 lbs. each cottonseed meal and oil meal; 1 lb. molasses, 20 lbs. beets, green feed.
Sept., 1915. 10 lbs. grain daily of the following mixture: 75 lbs. each bran and cottonseed meal, 50 lbs. each ground oats and oil meal, 160 lbs. Ajax Flakes; beets and green feed.
Oct., 1915. Same ration as given in September.
Nov., 1915. Same ration as given in September.
Dec., 1915. 9 lbs. grain daily same mixture as given in September; 20 lbs. carrots, 25 lbs. ensilage, 10 lbs. hay.
Jan., 1916. 8 lbs. grain daily same mixture as given in December; 20 lbs. carrots, 25 lbs. ensilage, 8 lbs. hay.

THE ADVANCED REGISTER OF GUERNSEY CATTLE



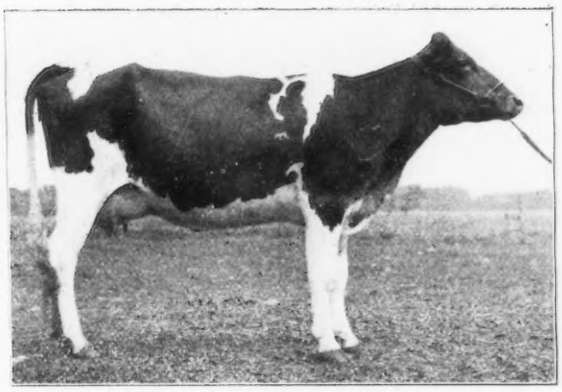
WOODLAWN'S VENUS 27352

Official year's record: 11782.30 lbs. milk; 564.26 lbs. butter fat.
A. R. 4160



MINNIE MINTED GOLD 40720

Official year's record: 11366.70 lbs. milk; 517.30 lbs. butter fat.
A. R. 4161

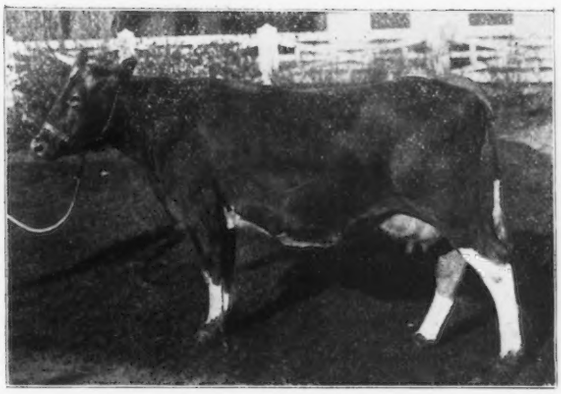


GOVERNOR'S AURICLE OF ELMWOOD 42365

Official year's record: 9766.30 lbs. milk; 469.35 lbs. butter fat.
A. R. 4164

RED CLOVER O. D. 43697

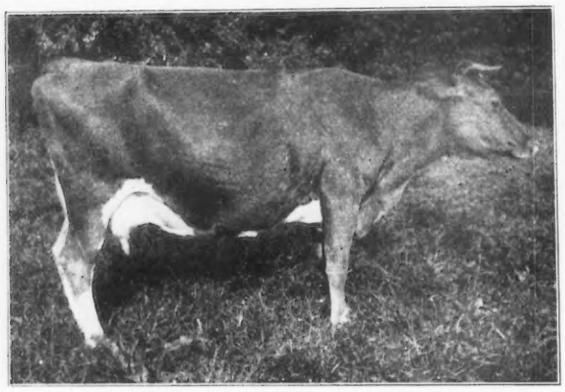
Official year's record: 8817.50 lbs. milk; 476.32 lbs. butter fat.
A. R. 4166



LUCRETIA ROSE OF WAUMESIT 29511

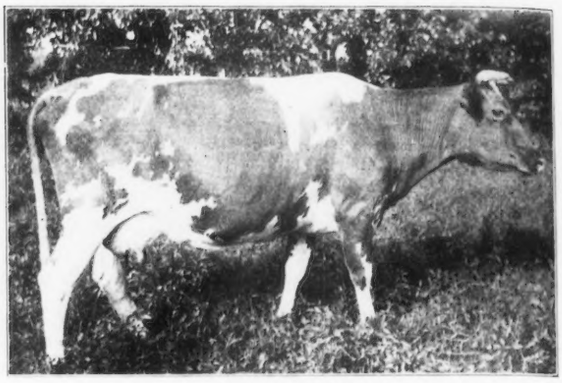
Official year's record: 8495.74 lbs. milk; 469.86 lbs. butter fat.
A. R. 4167

THE ADVANCED REGISTER OF GUERNSEY CATTLE



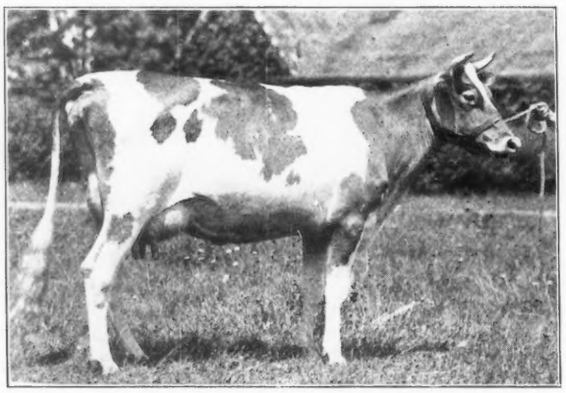
IMP. PRINCESS ALICE OF THE ISLE 36405

Official year's record: 8795.30 lbs. milk; 409.49 lbs. butter fat.
A. R. 4173



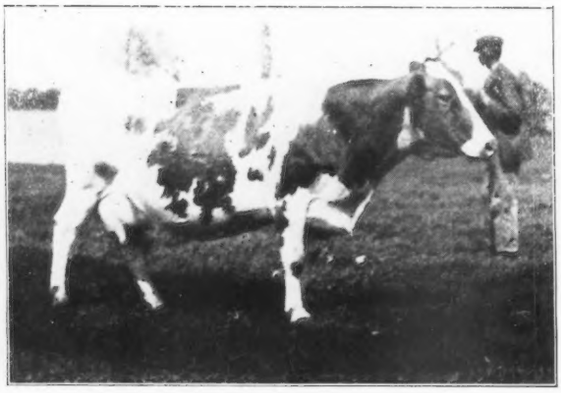
LADY OF OAKWOOD 33551

Official year's record: 7858.40 lbs. milk; 428.72 lbs. butter fat.
A. R. 4174



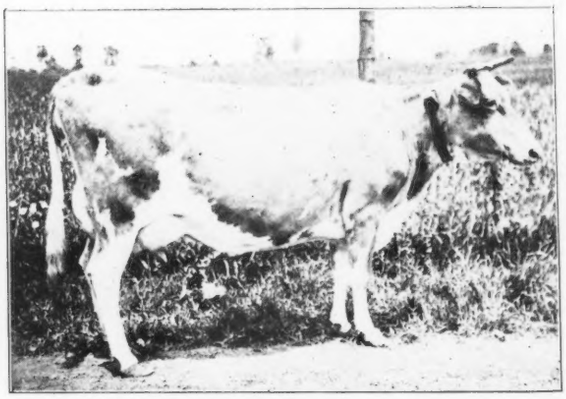
FLORHAM GOLD LASSIE 43596

Official year's record: 11925.20 lbs. milk; 583.67 lbs. butter fat.
A. R. 4176



BETSEY JOHNSON 27883

Official year's record: 17508.10 lbs. milk; 640.39 lbs. butter fat.
A. R. 4191



DAWN OF INGLESIDE 20321

Official year's record: 9094.10 lbs. milk; 448.51 lbs. butter fat.
Re-entry 782

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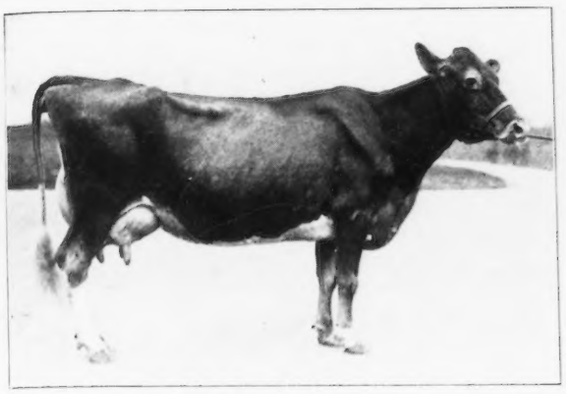
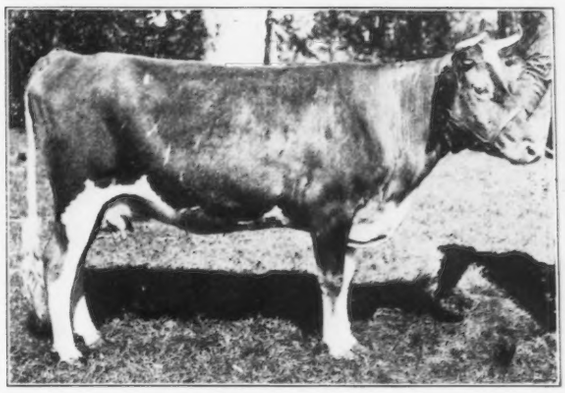


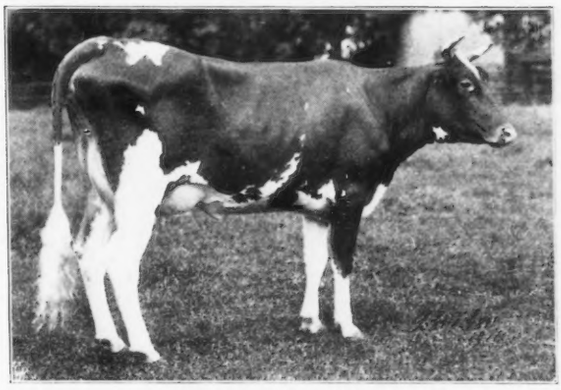
FIRST DAWN 19096

Official year's record: 13376.10 lbs. milk; 608.07 lbs. butter fat.
Re-entry 976



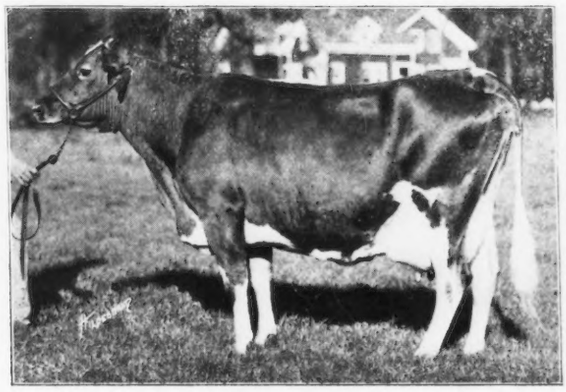
IMP. DAISY OF PULIAS 27828

Official year's record: 11552.30 lbs. milk; 544.16 lbs. butter fat.
Re-entry 1278



ROSE OF PENCOYD 27300

Official year's record: 12164.10 lbs. milk; 595.73 lbs. butter fat.
Re-entry 1793



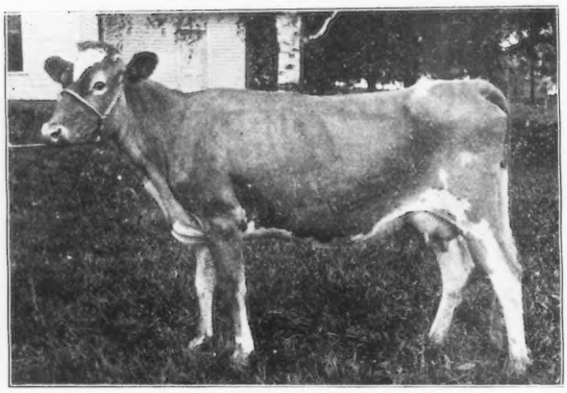
GOLD DUST'S ELITE 29766

Official year's record: 15619.20 lbs. milk; 871.28 lbs. butter fat.
Re-entry 1856

CASTELLO'S DAISY 25474

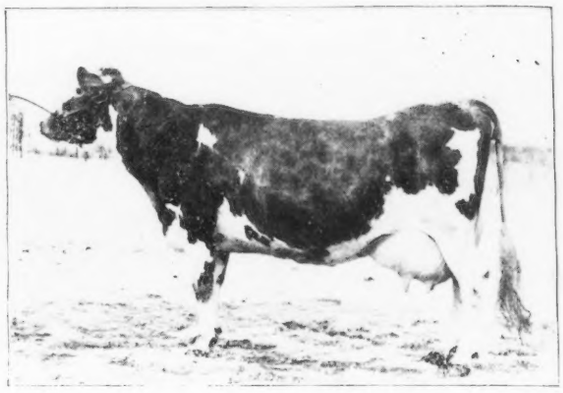
Official year's record: 9319.50 lbs. milk; 517.10 lbs. butter fat.
Re-entry 1942

THE ADVANCED REGISTER OF GUERNSEY CATTLE



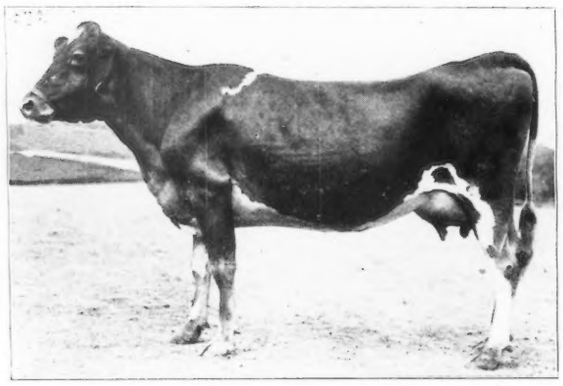
MASHER'S GOLDEN OF BIRCHWOOD 32340

Official year's record: 11818.80 lbs. milk; 485.21 lbs. butter fat.
Re-entry 2030



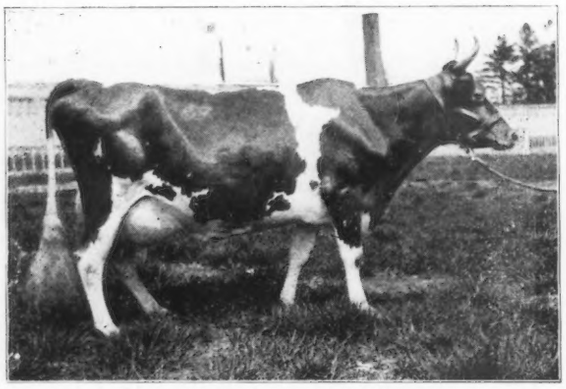
CLOVER OF LINDHEARST 18629

Official year's record: 10644.20 lbs. milk; 519.56 lbs. butter fat.
Re-entry 2088



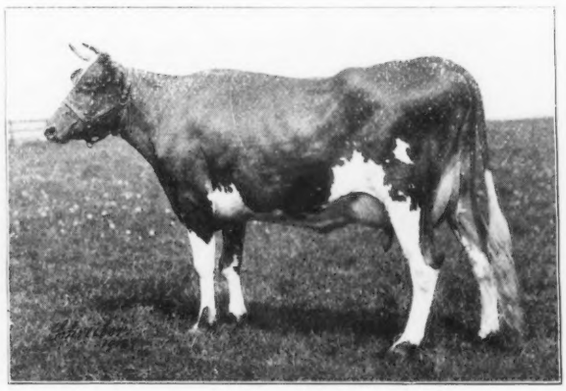
PRIMANA OF WOODEND 32242

Official year's record: 9947.80 lbs. milk; 531.16 lbs. butter fat.
Re-entry 2416



PRINCESS CORAL OF PAULSDALE 26321

Official year's record: 11107.80 lbs. milk; 513.32 lbs. butter fat.
Re-entry 2419



GOLDEN MAY QUEEN OF PENCOYD 24174

Official year's record: 11055.70 lbs. milk; 561.75 lbs. butter fat.
Re-entry 2454

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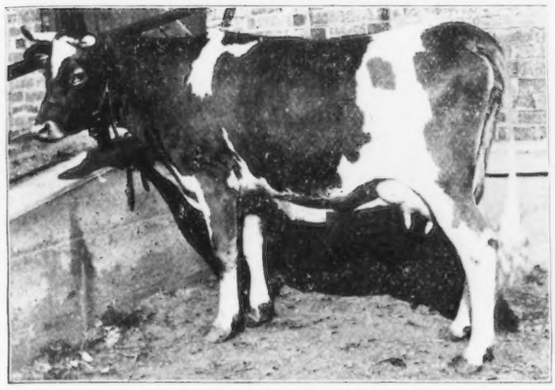
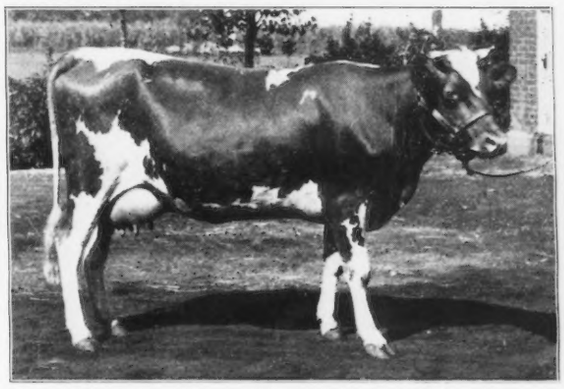


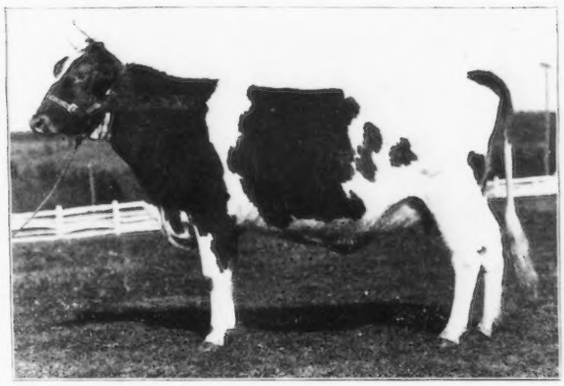
IMP. FANNY OF THE MOURANTS 34344

Official year's record: 10769.00 lbs. milk; 600.88 lbs. butter fat.
Re-entry 2534



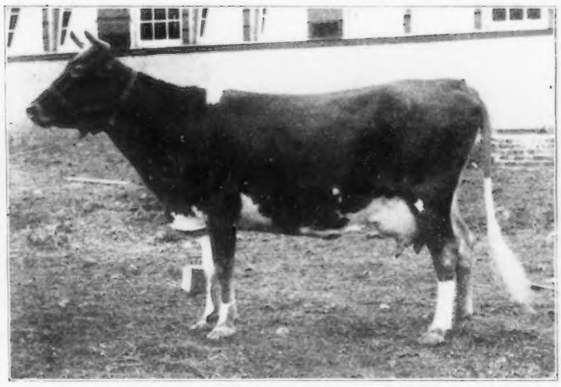
IMP. LADYSMITH OF SARNIA 40246

Official year's record: 12429.20 lbs. milk; 643.77 lbs. butter fat.
Re-entry 2928



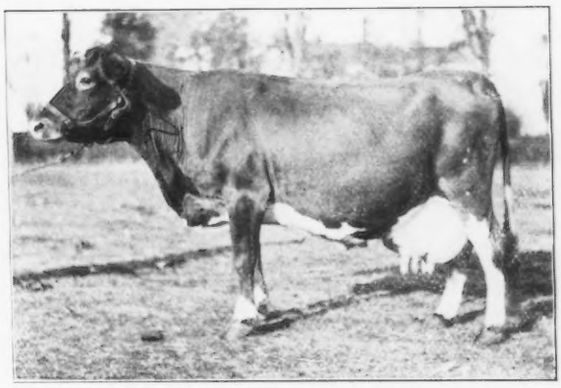
LACTEA OF OAK HILL 36402

Official year's record: 7790.30 lbs. milk; 394.72 lbs. butter fat.
Re-entry 2939



IMP. MADAME MELBA I. 29379

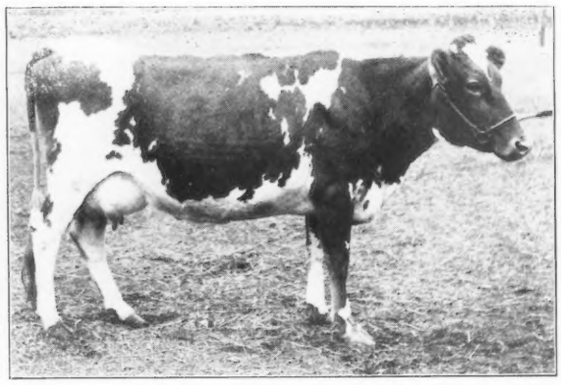
Official year's record: 11875.40 lbs. milk; 499.92 lbs. butter fat.
Re-entry 3048



LOUISE FISHER 16382

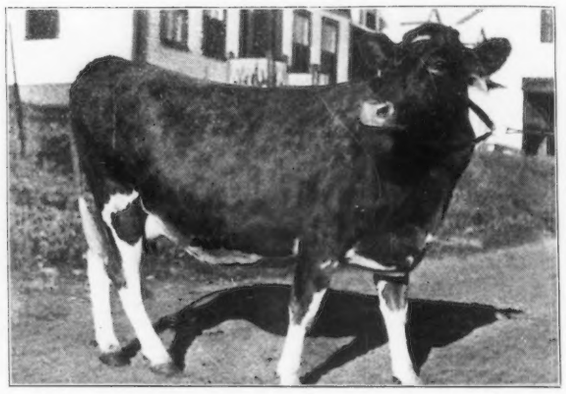
Official year's record: 10433.10 lbs. milk; 487.61 lbs. butter fat.
Re-entry 3072

THE ADVANCED REGISTER OF GUERNSEY CATTLE



LURA BETTINA 29725

Official year's record: 14001.20 lbs. milk; 739.58 lbs. butter fat.
Re-entry 3128

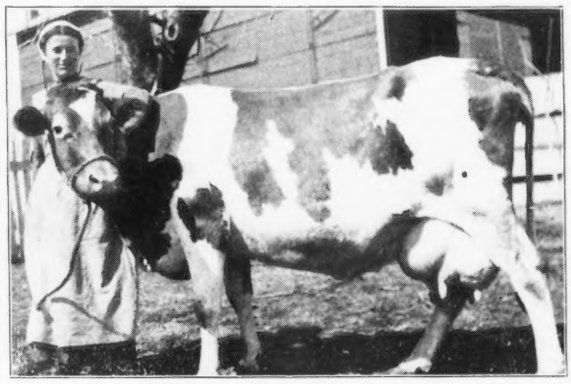


RIVAL'S HEIRLOOM'S TAHOMA 34156

Official year's record: 6500.60 lbs. milk; 353.67 lbs. butter fat.
Re-entry 3259

GLENWOOD'S BUTTERCUP 48137

Official year's record: 13728.90 lbs. milk; 769.82 lbs. butter fat.
Re-entry 3224



BUTTERCUP LILLY 21617

Official year's record: 15144.60 lbs. milk; 744.84 lbs. butter fat.
Re-entry 3155

Re-entry 782 **Dawn of Ingleside 20321**

Sire Golden Morning 5th (8445).
Sire Golden Morning (6708).
Dam Miss Vesta (12528).
Dam Royana (16770) A. R. 1116.
Sire Lord Roberts of Wheaton (7252) A. R.
Dam Moyra (12381) A. R. 632.
Breeder F. S. Gorton, Chicago, Ill.
Owner Truman W. Brophy, Edison Park, Ill.
Born Sept. 13, 1905. *Calved* June 10, 1914. *Served* Dec. 15, 1914.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 9094.10 lbs. milk; 448.51 lbs. butter fat.

(Record from June 21, 1914 to June 20, 1915.)
Supervised by Illinois Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
June,	1914,	450.80 lbs.	4.38 %	19.75 lbs.
July,	"	1183.50 "	4.38 "	51.84 "
Aug.,	"	892.40 "	4.30 "	38.37 "
Sept.,	"	768.90 "	4.33 "	33.29 "
Oct.,	"	867.70 "	4.48 "	38.87 "
Nov.,	"	964.30 "	4.82 "	46.48 "
Dec.,	"	912.00 "	5.11 "	46.60 "
Jan.,	1915,	682.40 "	5.40 "	36.85 "
Feb.,	"	631.40 "	5.43 "	34.29 "
Mar.,	"	478.00 "	5.70 "	27.25 "
Apr.,	"	503.50 "	6.52 "	32.83 "
May,	"	474.30 "	5.59 "	26.51 "
June,	"	284.90 "	5.47 "	15.58 "
Total		9094.10 lbs.	4.82 Av. %	448.51 lbs.

Feed

June, 1914. 25 lbs. grain daily of the following mixture: 8 lbs. bran, 5 lbs. each corn meal and gluten, 6 lbs. ground oats, 1 lb. oil meal; 10 lbs. each beet pulp and alfalfa hay, 20 lbs. ensilage.
July, 1914. 24 lbs. grain daily of the following mixture: 8 lbs. bran, 4 lbs. each corn meal and gluten, 6 lbs. ground oats, 2 lbs. oil meal; 8 lbs. beet pulp, 20 lbs. ensilage, 12 lbs. alfalfa hay.
Aug., 1914. 25 lbs. grain daily of the following mixture: 10 lbs. bran, 4 lbs. each corn meal and gluten, 6 lbs. ground oats, 1 lb. oil meal; 6 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa hay.
Sept., 1914. 23 lbs. grain daily of the following mixture: 8 lbs. bran, 4 lbs. each corn meal and ground oats, 6 lbs. gluten, 1 lb. oil meal; 6 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa hay.
Oct., 1914. 17 lbs. grain daily of the following mixture: 8 lbs. bran, 4 lbs. each corn meal and gluten, 1 lb. oil meal; 6 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa hay.
Nov., 1914. 16 lbs. grain daily of the following mixture: 6 lbs. bran, 2 lbs. corn meal, 3 lbs. each ground oats and gluten, 1 lb. each cottonseed meal and oil meal; 5 lbs. beet pulp, 10 lbs. each ensilage and alfalfa hay.
Dec., 1914. 13 lbs. grain daily of the following mixture: 6 lbs. bran, 4 lbs. ground corn and oats, 2 lbs. gluten, 1 lb. oil meal; 20 lbs. ensilage, 15 lbs. alfalfa hay.
Jan., 1915. 12 lbs. grain daily of the following mixture: 5 lbs. bran, 4 lbs. ground corn and oats, 2 lbs. gluten, 1 lb. oil meal; 20 lbs. ensilage, 15 lbs. alfalfa hay.
Feb., 1915. Same ration as given in December.
Mar., 1915. 11 lbs. grain daily of the following mixture: 4 lbs. each bran and ground (corn and oats), 2 lbs. gluten, 1 lb. oil meal; 5 lbs. roots, 20 lbs. ensilage, 10 lbs. alfalfa hay.
Apr., 1915. 11 lbs. grain daily of the following mixture: 4 lbs. bran, 2 lbs. ground corn and oats, 3 lbs. gluten, 1 lb. each cottonseed meal and oil meal; 30 lbs. ensilage, 10 lbs. alfalfa hay.
May, 1915. 11.5 lbs. grain daily of the following mixture: 4 lbs. each bran and ground (corn and oats), 2 lbs. gluten, 1 lb. cottonseed meal, .5 lb. oil meal; 20 lbs. ensilage, 10 lbs. alfalfa hay.
June, 1915. 10 lbs. grain daily of the following mixture: 4 lbs. each bran and ground (corn and oats), 1 lb. each gluten and oil meal; 20 lbs. ensilage, 10 lbs. alfalfa hay.

Entry of Additional Record. Previous year's record as a two year old: 8717.20 lbs. milk, 438.73 lbs. butter fat; as a four and a half year old: 8645.80 lbs. milk, 450.18 lbs. butter fat. Published in Vols. XIX. & XXIV.

Re-entry 976 **First Dawn 19096**

Sire Primeval (4812) A. R.
Sire Viscount (2177) A. R.
Dam Benjamin's Primrose (7820).
Dam Sunbeam's Dawn (9467) A. R. 438.
Sire Tricksey's Balboa (2840).
Dam Sunbeam Select (6341).
Breeder Albert C. Loring, Minneapolis, Minn.
Owner Albert C. Loring, Minneapolis, Minn.
Born Mar. 14, 1905. *Calved* Dec. 11, 1914. *Served* May 21, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 13376.10 lbs. milk; 608.07 lbs. butter fat.

(Record from Dec. 15, 1914 to Dec. 14, 1915.)
Supervised by Minnesota Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1914,	690.40 lbs.	4.76 %	32.86 lbs.
Jan.,	1915,	1308.20 "	4.47 "	58.48 "
Feb.,	"	1098.00 "	4.22 "	46.34 "
Mar.,	"	1244.00 "	4.40 "	54.74 "
Apr.,	"	1065.20 "	4.53 "	48.25 "
May,	"	1247.50 "	5.16 "	64.37 "
June,	"	1207.90 "	4.31 "	52.06 "
July,	"	1173.10 "	4.39 "	51.50 "
Aug.,	"	1169.80 "	4.24 "	49.60 "
Sept.,	"	999.00 "	4.64 "	46.35 "
Oct.,	"	930.80 "	4.81 "	44.77 "
Nov.,	"	853.40 "	4.67 "	39.85 "
Dec.,	"	388.80 "	4.86 "	18.90 "
Total		13376.10 lbs.	4.55 Av. %	608.07 lbs.

Feed

Dec., 1914. 6 lbs. grain daily of the following mixture: 60 lbs. bran, 10 lbs. each middlings, ground barley, and oil meal, 25 lbs. ground oats, 7 lbs. gluten, 5 lbs. cottonseed meal; 10 lbs. beets, ensilage and alfalfa hay.
Jan., 1915. 10.5 lbs. grain daily of the following mixture: 100 lbs. bran, 10 lbs. each middlings, gluten, and oil meal, 40 lbs. ground oats, 30 lbs. ground barley, 20 lbs. cottonseed meal; 5 lbs. beets, ensilage and alfalfa hay.
Feb., 1915. 7.5 lbs. grain daily of the following mixture: 200 lbs. bran, 80 lbs. ground oats, 60 lbs. ground barley, 20 lbs. each gluten and oil meal, 40 lbs. cottonseed meal; 15 lbs. beets, 30 lbs. ensilage, alfalfa hay.
Mar., 1915. 9 lbs. grain daily of the following mixture: 200 lbs. bran, 10 lbs. each middlings and gluten, 80 lbs. ground oats, 60 lbs. ground barley, 40 lbs. cottonseed meal, 20 lbs. oil meal; 10 lbs. beets, ensilage and alfalfa hay.
Apr., 1915. 12 lbs. grain daily same mixture as given in March; same roughage.
May, 1915. Same ration as given in April to the 10th, then 7.5 lbs. grain daily of the following mixture: 200 lbs. bran, 10 lbs. each middlings and gluten, 80 lbs. ground oats, 90 lbs. ground barley, 20 lbs. oil meal; pasture.
June, 1915. Same ration as given last of May.
July, 1915. 13.5 lbs. grain daily same mixture as given last of May; pasture.
Aug., 1915. Same grain ration as given in July; ensilage, green corn, and alfalfa hay.
Sept., 1915. Same grain ration as given in July; 15 lbs. each ensilage and green corn, alfalfa hay and pasture.
Oct., 1915. Same grain ration as given in July; 15 lbs. each beets and ensilage, 15 lbs. green corn to the 10th, alfalfa hay and pasture.
Nov., 1915. 16 lbs. grain daily of the following mixture to the 15th: 300 lbs. bran, 20 lbs. each middlings and gluten, 225 lbs. ground oats, 200 lbs. ground barley, 60 lbs. cottonseed meal, 40 lbs. oil meal; from 16th to 30th, 13 lbs. same mixture with 3 lbs. Ajax Flakes added daily; 25 lbs. beets, 30 lbs. ensilage, 12 to 15 lbs. alfalfa hay.
Dec., 1915. Same ration as given last of November.

Entry of Additional Record. Previous year's record: 8444.70 lbs. milk; 392.27 lbs. butter fat. Published in Vol. XXI.

Re-entry 1278 **Imp. Daisy of Pulias 27828**

Sire On Guernsey Admiral Togo of Passée Villa (R. G. A. S. 318 F. S.) A. R.
Sire On Guernsey Sir Wilfred I. (R. G. A. S. 1465 P. S.)
Dam On Guernsey La Belle de Carteret (R. G. A. S. 2805 F. S.)
Dam On Guernsey Bess of Pulias (R. G. A. S. 2421 F. S.)
Sire On Guernsey Loyal of the Capelles (R. G. A. S. 1267 P. S.) A. R.
Dam On Guernsey Daisy of the Courtil Beaucamp.
Breeder Peter Mahy, Island of Guernsey.
Owner William M. Jones, Waukesha, Wis.
Born Mar. 26, 1907. *Calved* Oct. 27, 1914.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 11552.30 lbs. milk; 544.16 lbs. butter fat.

(Record from Oct. 30, 1914 to Oct. 29, 1915.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1914,	90.70 lbs.	4.35 %	3.95 lbs.
Nov.,	"	1600.40 "	4.35 "	69.62 "
Dec.,	"	1545.70 "	4.17 "	64.46 "
Jan.,	1915,	1253.30 "	4.69 "	58.78 "
Feb.,	"	965.20 "	4.62 "	44.59 "
Mar.,	"	943.90 "	4.93 "	46.53 "
Apr.,	"	846.00 "	4.75 "	40.19 "
May,	"	780.30 "	5.25 "	40.96 "
June,	"	708.10 "	4.97 "	35.19 "
July,	"	799.30 "	5.11 "	40.84 "
Aug.,	"	811.80 "	4.84 "	39.29 "
Sept.,	"	707.40 "	4.82 "	34.10 "
Oct.,	"	500.20 "	5.13 "	25.66 "
Total		11552.30 lbs.	4.71 Av. %	544.16 lbs.

Feed

Oct., 1914. 7 lbs. grain daily of the following mixture: 1.5 lbs. bran, 5.5 lbs. ground oats; alfalfa hay.
Nov., 1914. 16.5 lbs. grain daily of the following mixture: 2.25 lbs. each bran and oil meal, 1.5 lbs. corn meal, 4.5 lbs. ground oats, 6 lbs. Ajax Flakes; 6 lbs. each beet pulp and ensilage, 39 lbs. roots, alfalfa hay.
Dec., 1914. 15.75 lbs. grain daily of the following mixture with 6 oz. salt added: 2.25 lbs. each bran, corn meal, and oil meal, 3 lbs. ground oats, 6 lbs. Ajax Flakes; 7.5 lbs. beet pulp, 45 lbs. roots, 6 lbs. ensilage, alfalfa hay.
Jan., 1915. 15.75 lbs. grain daily of the following mixture: 2.25 lbs. each bran and oil meal, 3 lbs. corn meal, 1.5 lbs. ground oats, 6.75 lbs. Ajax Flakes; 12 lbs. beet pulp, 42 lbs. roots, 21 lbs. ensilage, alfalfa hay.
Feb., 1915. Same ration as given in January.
Mar., 1915. Same ration as given in January.
Apr., 1915. 12.75 lbs. grain daily of the following mixture: 3 lbs. bran, 1.5 lbs. each corn meal and oil meal, .75 lb. ground oats, 6 lbs. Ajax Flakes; 9 lbs. beet pulp, 18 lbs. ensilage, alfalfa hay.
May, 1915. 11.25 lbs. grain daily of the following mixture: 1.5 lbs. each bran, corn meal, and ground oats, 4.5 lbs. Ajax Flakes, 2.25 lbs. oil meal; 9 lbs. beet pulp, 18 lbs. ensilage, alfalfa hay.
June, 1915. Same ration as given in May.
July, 1915. 10.5 lbs. grain daily of the following mixture: 1.5 lbs. each ground oats and oil meal, 7.5 lbs. Ajax Flakes; 9 lbs. each beet pulp and ensilage, alfalfa hay.
Aug., 1915. Same ration as given in July.
Sept., 1915. Same ration as given in July.
Oct., 1915. 7.5 lbs. grain daily of 6 lbs. Ajax Flakes, 1.5 lbs. oil meal; 9 lbs. each beet pulp and ensilage, alfalfa hay.

Entry of Additional Record. Previous year's record: 8920.10 lbs. milk; 484.60 lbs. butter fat. Published in Vol. XXIII.

Re-entry 1750 **Imp. Dawn of Les Vesquesses 31649**

Sire On Guernsey Roebuck (R. G. A. S. 1923 P. S.) A. R.
Sire On Guernsey Royal Governor of l'Etiennerie (R. G. A. S. 1484 P. S.) A. R.
Dam On Guernsey Little Floe VIII. (R. G. A. S. 4549 P. S.)
Dam On Guernsey Sunrise II. of Les Vesquesses (R. G. A. S. 6495 P. S.)
Sire On Guernsey Prini Leopoli (R. G. A. S. 1443 P. S.)
Dam On Guernsey Sunrise of Les Vesquesses (R. G. A. S. 6494 P. S.)
Breeder S. Haworth, Island of Guernsey.
Owner E. W. Oglebay, Elm Grove, W. Va.
Born Dec. 7, 1908. *Calved* Dec. 19, 1914. *Served* June 19, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 14074.20 lbs. milk; 659.00 lbs. butter fat.

(Record from Dec. 23, 1914 to Dec. 22, 1915.
Supervised by West Virginia Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1914,	381.20 lbs.	4.79 %	18.26 lbs.
Jan.,	1915,	1676.70 "	4.79 "	80.31 "
Feb.,	"	1579.10 "	4.76 "	75.17 "
Mar.,	"	1672.80 "	4.59 "	76.78 "
Apr.,	"	1391.30 "	4.67 "	64.97 "
May,	"	1449.40 "	4.73 "	68.56 "
June,	"	1314.40 "	3.98 "	52.31 "
July,	"	1020.80 "	4.34 "	44.30 "
Aug.,	"	906.20 "	4.57 "	41.41 "
Sept.,	"	848.80 "	4.69 "	39.81 "
Oct.,	"	780.40 "	5.10 "	39.80 "
Nov.,	"	672.10 "	5.15 "	34.61 "
Dec.,	"	381.00 "	5.96 "	22.71 "
Total		14074.20 lbs.	4.68 Av. %	659.00 lbs.

Feed

Dec., 1914. 6 to 10.5 lbs. grain daily, 4.5 to 9 lbs. of the following mixture No. 1 (total 66 lbs.) with 1.5 lbs. ground oats added: 300 lbs. bran, 200 lbs. each shelled corn, Distillers' Grains, and beet pulp, 100 lbs. each ground oats and oil meal, 50 lbs. cottonseed meal; 2 lbs. molasses from 25th to 31st, 10 to 20 lbs. ensilage, 8 to 10 lbs. alfalfa hay.
Jan., 1915. 10.5 to 18 lbs. grain daily, 3 to 16.5 lbs. of the following mixture No. 2 (total 366 lbs.): 100 lbs. each wheat bran, ground oats, and beet pulp, 150 lbs. Distillers' Grains, 50 lbs. each cottonseed meal and linseed meal, with 1.5 lbs. ground oats added daily and 6 to 3 lbs. of mixture No. 1 (total of 54 lbs.) from 1st to 13th; 2 lbs. molasses, 30 lbs. ensilage, 7 lbs. alfalfa, 2 lbs. mixed hay.
Feb., 1915. 18.75 lbs. grain daily, 16.5 lbs. of mixture No. 2 with 2.25 lbs. ground oats added; 2 lbs. molasses, 35 lbs. ensilage, 8 lbs. alfalfa, 2 lbs. mixed hay.
Mar., 1915. 18.75 to 22.25 lbs. grain daily, 16.5 lbs. to the 5th then 20 lbs. of the following mixture with 2.25 lbs. ground oats added: 100 lbs. each bran and ground oats, 50 lbs. each Homcoline, cottonseed meal, and linseed meal, 150 lbs. each Distillers' Grains and beet pulp; 35 lbs. ensilage, 10 lbs. alfalfa hay.
Apr., 1915. 23 to 18 lbs. grain daily, 20 to 10 lbs. of the following mixture (total of 498 lbs.) with 3 to 2 lbs. (total of 41 lbs.) ground oats added from 1st to 16th: 150 lbs. each bran and beet pulp, 100 lbs. each ground oats and Distillers' Grains, 50 lbs. each Homcoline, cottonseed meal, and linseed meal; 2 lbs. molasses, 40 to 20 lbs. ensilage (total of 1005 lbs.), 10 lbs. hay.
May, 1915. 18 lbs. grain daily same mixture as given in April; 2 lbs. molasses, 20 lbs. ensilage to the 16th then 10 to 20 lbs. green alfalfa, 8 lbs. hay.
June, 1915. Same grain ration as given in May; 2 lbs. molasses, 30 lbs. green alfalfa to the 18th then 25 lbs. green oats, 8 lbs. mixed hay to the 7th then 10 lbs. alfalfa hay.
July, 1915. 22 to 12 lbs. grain daily, 2 lbs. each bran and ground oats, 18 lbs. reduced to 2 lbs. from 1st to 15th of same mixture as given in April, 4 to 10 lbs. from 8th to 31st of the following mixture: 300 lbs. bran, 200 lbs. each Homcoline, Distillers' Grains, and beet pulp, 100 lbs. each gluten feed and oil meal, 50 lbs. cottonseed meal; 2 lbs. molasses from 1st to 15th, 30 lbs. green oats from 1st to 7th, 20 lbs. green alfalfa from 8th to 25th, 8 to 10 lbs. alfalfa hay.
Aug., 1915. 14 lbs. grain daily to the 19th, then 15 lbs. of the following mixture: 300 lbs. bran, 200 lbs. Distillers' Grains, 100 lbs. each Homcoline, gluten feed, and linseed meal, 50 lbs. cottonseed meal, 150 lbs. beet pulp; 2 lbs. molasses from 20th to 31st, 20 lbs. green corn and 10 lbs. alfalfa hay.
Sept., 1915. 15 lbs. grain daily, 10.5 lbs. to the 25th, then 15 lbs. of the following mixture: 300 lbs. bran, 200 lbs. each Homcoline and Distillers' Grains, 100 lbs. each gluten feed and oil meal, 50 lbs. cottonseed meal, 150 lbs. beet pulp; from 1st to 25th 4.5 lbs. of the following mixture: 300 lbs. bran, 200 lbs. each Homcoline and Distillers' Grains, 125 lbs. gluten feed, 50 lbs. cottonseed meal, 100 lbs. oil meal; 2 lbs. molasses, 20 lbs. green corn except on 5th, 6th, and 7th, when 20 lbs. green alfalfa were substituted, 10 lbs. alfalfa hay.
Oct., 1915. 15 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. each Homcoline and Distillers' Grains, 125 lbs. gluten, 50 lbs. cottonseed meal, 100 lbs. linseed meal, 150 lbs. beet pulp; 2 lbs. molasses, 25 lbs. ensilage, 10 lbs. alfalfa hay.
Nov., 1915. 15 lbs. grain daily to the 24th then 13.5 lbs. of the following mixture: 400 lbs. bran, 200 lbs. each Homcoline and Distillers' Grains, 125 lbs. gluten feed, 50 lbs. cottonseed meal, 100 lbs. linseed meal; 2 lbs. molasses from 1st to 20th, 30 lbs. ensilage, 10 lbs. alfalfa hay.
Dec., 1915. 13.5 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. each Homcoline and Distillers' Grains, 125 lbs. gluten feed, 50 lbs. cottonseed meal; 25 lbs. ensilage, 8 lbs. alfalfa hay.

Entry of Additional Record. Previous year's record as a two and a half year old: 8466.70 lbs. milk, 416.63 lbs. butter fat; second record begun at four years and 9 months of age: 12296.20 lbs. milk; 580.70 lbs. butter fat. Published in Vols. XXVI. & XXIX.

Re-entry 1786 **Princess Pretoria 28403**

Sire Pretor (9316) A. R.
Sire Rutila's Sheet Anchor (5701) A. R.
Dam Imp. Pretoria (14443) A. R. 73.
Dam Princess of Florham (19650).
Sire Florham King (8401).
Dam Imp. Princess of France (15750).
Breeder O. A. Turner, Cambridge, Md.
Owner J. L. Hope, Madison, N. J.
Born Feb. 27, 1909. *Calved* Dec. 11, 1914. *Served* June 25, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 11998.75 lbs. milk; 543.11 lbs. butter fat.

(Record from Dec. 15, 1914 to Dec. 14, 1915.)
Supervised under one day test by New Jersey Agricultural Experiment Station.

Year's Record	*Milk*	*Butter Fat*	
Dec., 1914,	692.65 lbs.	4.36 %	30.20 lbs.
Jan., 1915,	1425.35 "	4.31 "	61.43 "
Feb., "	1184.90 "	4.33 "	51.31 "
Mar., "	1193.10 "	4.34 "	51.78 "
Apr., "	1119.60 "	4.55 "	50.94 "
May, "	1069.65 "	4.36 "	46.64 "
June, "	1044.55 "	4.69 "	48.99 "
July, "	937.25 "	4.66 "	43.68 "
Aug., "	893.35 "	4.55 "	40.65 "
Sept., "	752.70 "	4.64 "	34.93 "
Oct., "	678.80 "	4.63 "	31.43 "
Nov., "	688.65 "	5.18 "	35.67 "
Dec., "	318.20 "	4.86 "	15.46 "
Total	11998.75 lbs.	4.53 Av. %	543.11 lbs.

Feed

Dec., 1914. 11.5 lbs. grain daily of the following mixture: 20 lbs. bran, 7 lbs. each crushed oats and oil meal, 60 lbs. Union Grains, 102 lbs. beet pulp; 15 lbs. mangels, 12 lbs alfalfa hay.
Jan., 1915. 17 lbs. grain daily of the following mixture: 36 lbs. bran, 13 lbs. each crushed oats and oil meal, 217 lbs. Union Grains, 248 lbs. beet pulp; 14 lbs. roots, 10 lbs. alfalfa hay.
Feb., 1915. 17 lbs. grain daily of the following mixture: 34 lbs. bran, 11 lbs. each crushed oats and oil meal, 196 lbs. Union Grains, 224 lbs. beet pulp; 8 lbs. ensilage, 10 lbs. alfalfa hay.
Mar., 1915. 15 lbs. grain daily of the following mixture: 36 lbs. bran, 13 lbs. each crushed oats and oil meal, 186 lbs. Union Grains, 217 lbs. beet pulp; 10 lbs. ensilage, 5 lbs. each alfalfa and clover hay.
Apr., 1915. 17 lbs. grain daily of the following mixture: 36 lbs. bran, 12 lbs. each crushed oats and oil meal, 240 lbs. Union Grains, 210 lbs. beet pulp; 8 lbs. ensilage, 5 lbs. each alfalfa and clover hay.
May, 1915. 16 lbs. grain daily of the following mixture: 36 lbs. bran, 13 lbs. each crushed oats and oil meal, 230 lbs. Union Grains, 198 lbs. beet pulp; 4 lbs. each ensilage and clover hay, pasture.
June, 1915. 15 lbs. grain daily of the following mixture: 36 lbs. bran, 12 lbs. each crushed oats and oil meal, 210 lbs. Union Grains, 180 lbs. beet pulp; pasture.
July, 1915. 16 lbs. grain daily of the following mixture: 36 lbs. bran, 13 lbs. each crushed oats and oil meal, 248 lbs. Union Grains, 186 lbs. beet pulp; 8 lbs. alfalfa hay, pasture.
Aug., 1915. Same grain ration as given in July; pasture.
Sept., 1915. 17 lbs. grain daily of the following mixture: 36 lbs. bran, 12 lbs. each crushed oats and oil meal, 240 lbs. Union Grains, 210 lbs. beet pulp; 4 lbs. alfalfa hay, pasture.
Oct., 1915. 13.7 lbs. grain daily of the following mixture: 36 lbs. bran, 13 lbs. each crushed oats and oil meal, 248 lbs. Union Grains, 114 lbs. beet pulp; 30 lbs. green corn, 10 lbs. alfalfa hay.
Nov., 1915. 9.9 lbs. grain daily of the following mixture: 36 lbs. bran, 12 lbs. each crushed oats and oil meal, 180 lbs. Union Grains, 56 lbs. beet pulp; 14 lbs. roots, 11.2 lbs. ensilage, 10 lbs. alfalfa hay.
Dec., 1915. 14 lbs. grain daily of the following mixture: 18 lbs. bran, 5 lbs. each crushed oats and oil meal, 126 lbs. Union Grains, 42 lbs. beet pulp; 14 lbs. roots, 8 lbs. each ensilage and alfalfa hay.

Entry of Additional Record. Previous year's record: 9395.00 lbs. milk; 439.79 lbs. butter fat. Published in Vol. XXVI.

Re-entry 1793 **Rose of Pencoyd 27300**

Sire Imp. Golden Secret of Lilyvale (10028) A. R.
Sire Imp. Golden Secret (12599) A. R.
Dam Imp. Lady Beatrice of Lilyvale (18526).
Dam Langwater Early Rose (19145).
Sire Imp. King of the May (9001) A. R.
Dam Early Rose of Raritan (11782) A. R. 72.
Breeder T. W. & I. W. Roberts, Bala, Pa.
Owner T. W. & I. W. Roberts, Bala, Pa.
Born Dec. 8, 1908. *Calved* Dec. 13, 1914. *Served* June 9, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 12164.10 lbs. milk; 595.73 lbs. butter fat.

(Record from Dec. 17, 1914 to Dec. 16, 1915.)
Supervised under one day test by The National Farm School and Pennsylvania Agricultural Experiment Station.

Year's Record	*Milk*	*Butter Fat*	
Dec., 1914,	727.30 lbs.	4.42 %	32.15 lbs.
Jan., 1915,	1592.50 "	4.72 "	75.17 "
Feb., "	1312.60 "	4.96 "	65.10 "
Mar., "	1348.70 "	4.42 "	59.61 "
Apr., "	1266.20 "	5.61 "	71.03 "
May, "	1201.50 "	4.79 "	57.55 "
June, "	989.60 "	4.46 "	44.14 "
July, "	858.00 "	5.05 "	43.33 "
Aug., "	733.40 "	4.58 "	33.59 "
Sept., "	654.60 "	5.15 "	33.71 "
Oct., "	624.80 "	5.28 "	32.99 "
Nov., "	565.40 "	5.54 "	31.32 "
Dec., "	289.50 "	5.54 "	16.04 "
Total	12164.10 lbs.	4.90 Av. %	595.73 lbs.

Feed

Dec., 1914. 16 lbs. grain daily of the following mixture: 120 lbs. each bran and Ajax Flakes, 60 lbs. each corn meal, ground oats, and cottonseed meal, 30 lbs. Brewers' Grains, 20 lbs. alfalfa meal, 90 lbs. oil meal; 3 lbs. beet pulp, 4 lbs. roots, 15 lbs. ensilage, 12 lbs. alfalfa hay.
Jan., 1915. 19 lbs. grain daily, 17.5 lbs. of the following mixture with 1.5 lbs. gluten added: 120 lbs. each bran and Ajax Flakes, 60 lbs. each corn meal, ground oats, and cottonseed meal, 20 lbs. alfalfa meal, 90 lbs. oil meal; 15 lbs. ensilage, 10 lbs. alfalfa hay.
Feb., 1915. 21.5 lbs. grain daily, 1.5 lbs. gluten and 20 lbs. same mixture as given in January with 30 lbs. more cottonseed meal added; same roughage as given in January.
Mar., 1915. 21 lbs. grain daily, 1.5 lbs. gluten and 19.5 lbs. same mixture as given in January; 20 lbs. ensilage, 10 lbs. hay.
Apr., 1915. 21 lbs. grain daily, 1.5 lbs. gluten and 19.5 lbs. same mixture as given in January; 20 lbs. ensilage, 8 lbs. hay.
May, 1915. 20 lbs. grain daily, 18.5 lbs. of the following mixture with 1.5 lbs. gluten added: 120 lbs. each bran and Ajax Flakes, 60 lbs. each corn meal, ground oats, and cottonseed meal, 90 lbs. oil meal; 20 lbs. ensilage, 8 lbs. hay.
June, 1915. 16 lbs. grain daily, 14.5 lbs. of the same mixture as given in May with 1.5 lbs. gluten added; 15 lbs. ensilage and pasture.
July, 1915. 16 lbs. grain daily, 14.5 lbs. of the following mixture with 1.5 lbs. Ajax Flakes added: 120 lbs. each bran and Ajax Flakes, 30 lbs. corn meal, 60 lbs. cottonseed meal, 90 lbs. oil meal; 8 lbs. hay and pasture.
Aug., 1915. 15 lbs. grain daily, 13.5 lbs. of the following mixture with 1.5 lbs. Ajax Flakes added: 120 lbs. bran, 30 lbs. each corn meal and hominy, 60 lbs. each ground oats and cottonseed meal, 150 lbs. Ajax Flakes, 50 lbs. each Unicorn Dairy Ration and oil meal; green corn, 8 lbs. alfalfa hay.
Sept., 1915. 15 lbs. grain daily, 13.5 lbs. of the following mixture with 1.5 lbs. Ajax Flakes added: 120 lbs. bran, 30 lbs. corn meal, 60 lbs. each ground oats, cottonseed meal, and oil meal, 150 lbs. Ajax Flakes, 50 lbs. Unicorn Dairy Ration; 15 lbs. green corn, 10 lbs. alfalfa hay.
Oct., 1915. 14.5 lbs. grain daily, 13 lbs. of the following mixture with 1.5 lbs. Ajax Flakes added: 120 lbs. bran, 60 lbs. each corn meal, ground oats, cottonseed meal, and oil meal, 150 lbs. Ajax Flakes, 50 lbs. Unicorn Dairy Ration; 8 lbs. ensilage, 10 lbs. hay.
Nov., 1915. 16.5 lbs. grain daily, 1.5 lbs. Ajax Flakes and 15 lbs. same mixture as given in October except Schumacher Feed instead of Unicorn Dairy Ration; 8 lbs. ensilage, 10 lbs. alfalfa hay.
Dec., 1915. Same ration as given in November.

Entry of Additional Record. Previous year's record: 10024.00 lbs. milk; 490.63 lbs. butter fat. Published in Vol. XXVI.

Re-entry 1856 **Gold Dust's Elite 29766**

Sire Charmante's Rose King (11746) A. R.
Sire Florham King (8401).
Dam Rose of York (17290) A. R. 492.
Dam Fillmore's Gold Dust (22038) A. R. 1104.
Sire Prince of Hawthorn (7721) A. R.
Dam Blue Blood's Elite of Lewison (16452).
Breeder Charles H. Jones, Wellesley Farms, Mass.
Owner Charles H. Jones, Wellesley Farms, Mass.
Born Apr. 24, 1909. *Calved* Feb. 6, 1915. *Served* Nov. 8, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 15619.20 lbs. milk; 871.28 lbs. butter fat.

(Record from Feb. 9, 1915 to Feb. 8, 1916.)
Supervised by Massachusetts Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Feb.,	1915,	824.20 lbs.	5.24 %	43.19 lbs.
Mar.,	"	1507.40 "	5.29 "	79.74 "
Apr.,	"	1497.30 "	5.08 "	76.06 "
May,	"	1481.70 "	5.14 "	76.14 "
June,	"	1446.40 "	5.03 "	72.75 "
July,	"	1479.70 "	5.41 "	80.05 "
Aug.,	"	1422.30 "	5.59 "	79.51 "
Sept.,	"	1203.20 "	5.92 "	71.23 "
Oct.,	"	970.90 "	6.23 "	60.49 "
Nov.,	"	1157.50 "	6.25 "	72.34 "
Dec.,	"	1177.00 "	5.93 "	69.80 "
Jan.,	1916,	1157.70 "	6.17 "	71.43 "
Feb.,	"	293.90 "	6.31 "	18.55 "
Total		15619.20 lbs.	5.58 Av. %	871.28 lbs.

Feed

Feb., 1915. 15 lbs. grain daily of the following mixture: 100 lbs. each bran, ground oats, and gluten, 125 lbs. Ajax Flakes, 50 lbs. Homcoline, 75 lbs. cottonseed meal, 25 lbs. oil meal; 5 lbs. beet pulp, 7 lbs. hay.
Mar., 1915. 15 lbs. grain daily of the following mixture: 200 lbs. each bran and ground oats, 125 lbs. Ajax Flakes, 50 lbs. each corn meal and oil meal, 100 lbs. Brewers' Grains, 150 lbs. each gluten and cottonseed meal; 5 lbs. beet pulp, ensilage, 7 lbs. hay.
Apr., 1915. Same ration as given in March.
May, 1915. 18 lbs. grain daily of the following mixture: 150 lbs. each bran, gluten, and cottonseed meal, 100 lbs. corn meal, 200 lbs. ground oats, 125 lbs. Ajax Flakes; 3 lbs. beet pulp, 10 lbs. ensilage, 15 lbs. alfalfa and mixed hay.
June, 1915. Same ration as given in May.
July, 1915. 21 lbs. grain daily of the following mixture: 100 lbs. each bran and gluten, 200 lbs. each corn meal and cottonseed meal, 128 lbs. crushed oats, 125 lbs. Ajax Flakes; 5 lbs. beet pulp, 7 lbs. alfalfa hay.
Aug., 1915. 21 lbs. grain daily of the following mixture: 200 lbs. each bran and gluten, 100 lbs. each hominy, Homcoline, and cottonseed meal, 128 lbs. ground oats, 50 lbs. oil meal; 5 lbs. beet pulp, 10 lbs. hay.
Sept., 1915. 20 lbs. grain daily of the following mixture: 200 lbs. each bran and Homcoline, 100 lbs. each hominy, gluten, and cottonseed meal, 128 lbs. ground oats, 80 lbs. Malt Sprouts, 50 lbs. oil meal; 4 lbs. beet pulp, 12 lbs. beets from 20th to 30th, 10 lbs. alfalfa hay.
Oct., 1915. 10 lbs. grain daily same mixture as given in September; 15 lbs. ensilage, 3 lbs. alfalfa, 6 lbs. mixed hay.
Nov., 1915. 15 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, hominy, Homcoline, and cottonseed meal, 200 lbs. each Ajax Flakes and gluten, 50 lbs. oil meal; 3 lbs. beet pulp, 15 lbs. each beets and ensilage, 12 lbs. cabbage, 5 lbs. hay.
Dec., 1915. 18 lbs. grain daily of the following mixture: 100 lbs. each bran, cottonseed meal, and oil meal, 200 lbs. each hominy, Distillers' Grains, and Buffalo gluten feed, 192 lbs. ground oats; 20 lbs. beets, 4.8 lbs. cabbage, 12 lbs. ensilage, 3 lbs. alfalfa, 4 lbs. mixed hay.
Jan., 1916. 16 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, Homcoline, cottonseed meal, and oil meal, 200 lbs. each ground oats, Distillers' Grains, and gluten; 4 lbs. beet pulp, 15 lbs. beets, 10 lbs. ensilage, 5 lbs. hay.
Feb., 1916. Same ration as given in January.

Entry of Additional Record. Previous year's record as a two year old: 10055.80 lbs. milk, 551.47 lbs. butter fat; as a three and a half year old: 12069.90 lbs. milk, 635.75 lbs. butter fat. Published in Vols. XXVI. & XXIX.

Re-entry 1863 **Nellie Tostevin of Mapleton 2d 26449**

Sire Village Beau (9749) A. R.
Sire Imp. Island Champion (6263) A. R.
Dam Imp. Villa Rica 2d (10922).
Dam Nellie Tostevin of Mapleton (20181).
Sire Glenwood's Main Stay 2d (7984) A. R.
Dam Nellie Tostevin (11028).
Breeder Est. C. J. Tyson, Flora Dale, Pa.
Owner Galen L. Stone, Marion, Mass.
Born Jan. 1, 1908. *Calved* Dec. 27, 1914. *Served* Sept. 21, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 11977.40 lbs. milk; 676.49 lbs. butter fat.

(Record from Dec. 30, 1914 to Dec. 29, 1915.)
Supervised by Massachusetts Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1914,	68.80 lbs.	5.52 %	3.80 lbs.
Jan.,	1915,	1486.00 "	5.52 "	82.03 "
Feb.,	"	1346.10 "	5.49 "	73.90 "
Mar.,	"	1287.20 "	5.42 "	69.77 "
Apr.,	"	1205.00 "	5.25 "	63.26 "
May,	"	1115.20 "	5.59 "	62.34 "
June,	"	1022.70 "	5.65 "	57.78 "
July,	"	990.50 "	5.68 "	56.26 "
Aug.,	"	933.10 "	5.68 "	53.00 "
Sept.,	"	735.00 "	5.63 "	41.38 "
Oct.,	"	713.00 "	6.08 "	43.35 "
Nov.,	"	612.40 "	6.31 "	38.64 "
Dec.,	"	462.40 "	6.70 "	30.98 "
Total		11977.40 lbs.	5.65 Av. %	676.49 lbs.

Feed

Dec., 1914. 8 lbs. grain daily equal parts bran and crushed oats; 15 lbs. ensilage, 8 lbs. clover hay.
Jan., 1915. 14 lbs. grain daily of the following mixture: 125 lbs. each bran and crushed oats, 50 lbs. hominy, 160 lbs. Distillers' Grains, 25 lbs. each cottonseed meal and linseed meal; 4.5 lbs. beet pulp, 10 lbs. each mangels and carrots, 12 lbs. ensilage, 5 lbs. alfalfa hay.
Feb., 1915. 14 lbs. grain daily of the following mixture: 125 lbs. each bran and crushed oats, 50 lbs. hominy, 160 lbs. Ajax Flakes, 25 lbs. each cottonseed meal and oil meal; 6 lbs. each beet pulp and alfalfa hay, 15 lbs. ensilage.
Mar., 1915. 13 lbs. grain daily same mixture as given in February; 6 lbs. each beet pulp and alfalfa hay, 30 lbs. beets, 18 lbs. ensilage.
Apr., 1915. 14 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 25 lbs. each hominy and cottonseed meal, 160 lbs. Ajax Flakes, 50 lbs. oil meal; 6 lbs. beet pulp, 10 lbs. beets, 20 lbs. ensilage, 6 lbs. alfalfa hay.
May, 1915. 13.5 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 25 lbs. hominy, 160 lbs. Ajax Flakes, 50 lbs. cottonseed meal, 60 lbs. O. P. oil meal; 4.5 lbs. beet pulp, green feed, 6 lbs. alfalfa hay.
June, 1915. 13.5 lbs. grain daily of the following mixture: 75 lbs. each bran and cottonseed meal, 50 lbs. each ground oats and oil meal, 160 lbs. Ajax Flakes; 1 qt. molasses, 6 lbs. beet pulp, 30 lbs. green feed, 3 lbs. alfalfa hay.
July, 1915. 14 lbs. grain daily of the following mixture: 100 lbs. bran, 75 lbs. ground oats, 160 lbs. Ajax Flakes, 50 lbs. each cottonseed meal and oil meal; 1 lb. molasses, 4 lbs. beet pulp, green feed, 3 lbs. alfalfa hay.
Aug., 1915. 12 lbs. grain daily of the following mixture: 100 lbs. bran, 75 lbs. ground oats, 160 lbs. Ajax Flakes, 50 lbs. each cottonseed meal and oil meal; 1 lb. molasses, 20 lbs. beets, green feed.
Sept., 1915. 11 lbs. grain daily of the following mixture: 75 lbs. each bran and cottonseed meal, 50 lbs. each ground oats and oil meal, 160 lbs. Ajax Flakes; beets and green feed.
Oct., 1915. Same ration as given in September.
Nov., 1915. Same ration as given in September.
Dec., 1915. 8 lbs. grain daily same mixture as given in September; 20 lbs. carrots, 25 lbs. ensilage, 10 lbs. hay.

Entry of Additional Record. Previous year's record: 11796.10 lbs. milk; 637.71 lbs. butter fat. Published in Vol. XXVI.

Re-entry 1942 **Castello's Daisy 25474**

Sire Lord Waukesha (10148) A. R.
Sire Lord Yeksa (6451) A. R.
Dam Rubina T. (6223).
Dam Castello of Sunny Valley (22414).
Sire Milwaukee (8457).
Dam Royaline's Castello (17376) A. R. 1279.
Breeder William M. Jones, Waukesha, Wis.
Owner William M. Jones, Waukesha, Wis.
Born July 25, 1908. *Calved* Jan. 4, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 9319.50 lbs. milk; 517.10 lbs. butter fat.

(Record from Jan. 8, 1915 to Jan. 7, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	978.70 lbs.	5.55 %	54.32 lbs.
Feb.,	"	1128.80 "	4.69 "	52.94 "
Mar.,	"	1060.80 "	5.01 "	53.15 "
Apr.,	"	837.80 "	5.18 "	43.40 "
May,	"	840.00 "	5.25 "	44.10 "
June,	"	763.10 "	5.55 "	42.35 "
July,	"	784.70 "	5.41 "	42.45 "
Aug.,	"	691.90 "	6.19 "	42.83 "
Sept.,	"	607.50 "	5.88 "	35.72 "
Oct.,	"	562.00 "	5.98 "	33.61 "
Nov.,	"	489.90 "	6.20 "	30.37 "
Dec.,	"	468.90 "	7.29 "	34.18 "
Jan.,	1916,	105.40 "	7.29 "	7.68 "
Total		9319.50 lbs.	5.55 Av. %	517.10 lbs.

Feed

Jan., 1915. 11 lbs. grain daily of the following mixture: 1.5 lbs. each bran and oil meal, 1 lb. each corn meal and ground oats, 6 lbs. Ajax Flakes; 9 lbs. beet pulp, 36 lbs. roots, 18 lbs. ensilage, alfalfa hay.
Feb., 1915. 14.5 lbs. grain daily of the following mixture: 1.5 lbs. bran, 2.25 lbs. each corn meal and oil meal, 1 lb. ground oats, 7.5 lbs. Ajax Flakes; 9 lbs. beet pulp, 36 lbs. roots, 18 lbs. ensilage, alfalfa hay.
Mar., 1915. Same ration as given in February.
Apr., 1915. 12.75 lbs. grain daily of the following mixture: 3 lbs. bran, 1.5 lbs. each corn meal and oil meal, .75 lb. ground oats, 6 lbs Ajax Flakes; 9 lbs. beet pulp, 18 lbs. ensilage, alfalfa hay.
May, 1915. 10.5 lbs. grain daily of the following mixture: 1.5 lbs. each bran, corn meal, ground oats, and oil meal, 4.5 lbs. Ajax Flakes; 9 lbs. beet pulp, 18 lbs. ensilage, alfalfa hay.
June, 1915. Same ration as given in May.
July, 1915. 10.5 lbs. grain daily of the following mixture: 3 lbs. ground oats, 6 lbs. Ajax Flakes, 1.5 lbs. oil meal; 9 lbs. beet pulp, 12 lbs. ensilage, 10 lbs. alfalfa hay.
Aug., 1915. Same ration as given in July.
Sept., 1915. Same ration as given in July.
Oct., 1915. Same ration as given in July.
Nov., 1915. 11.1 lbs. grain daily of the following mixture: 4.5 lbs. each ground oats and Ajax Flakes, 2.1 lbs. oil meal; 7.5 lbs. beet pulp, 21 lbs. roots, 12 lbs. ensilage, alfalfa hay.
Dec., 1915. 10.5 lbs. grain daily of the following mixture: 3 lbs. ground oats, 6 lbs. Ajax Flakes, 1.5 lbs. oil meal; 6 lbs. beet pulp, 21 lbs. roots, 10.5 lbs. ensilage, alfalfa hay.
Jan., 1916. Same ration as given in December.

Entry of Additional Record. Previous year's record: 6167.90 lbs. milk; 368.64 lbs. butter fat. Published in Vol. XXVII.

Re-entry 1957 **Alice Glenwood 29773**

Sire Golden Glenwood (10635) A. R.
Sire Glenwood's Main Stay 6th (8641) A. R.
Dam Glenwood Endeavor (15450).
Dam Florence H. of Seneca (17955).
Sire Rocmont of Chantilly (6382).
Dam Dorothy of Seneca (10620).
Breeder W. B. Scarborough, Childs, Md.
Owner August Ziesing, Chicago, Ill.
Born June 11, 1909. *Calved* Jan. 14, 1915. *Served* July 12, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 10267.10 lbs. milk; 557.94 lbs. butter fat.

(Record from Jan. 20, 1915 to Jan. 19, 1916.)
Supervised by Illinois Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	421.80 lbs.	4.82 %	20.33 lbs.
Feb.,	"	1063.90 "	5.15 "	54.79 "
Mar.,	"	1113.10 "	5.38 "	59.88 "
Apr.,	"	1062.10 "	4.87 "	51.72 "
May,	"	1030.10 "	5.20 "	53.57 "
June,	"	914.50 "	4.93 "	45.08 "
July,	"	867.80 "	5.69 "	49.38 "
Aug.,	"	836.10 "	5.40 "	45.15 "
Sept.,	"	716.60 "	5.66 "	40.56 "
Oct.,	"	669.80 "	5.91 "	39.59 "
Nov.,	"	603.80 "	5.91 "	35.68 "
Dec.,	"	605.80 "	6.37 "	38.59 "
Jan.,	1916,	361.70 "	6.53 "	23.62 "
Total		10267.10 lbs.	5.43 Av. %	557.94 lbs.

Feed

Jan., 1915. 12 lbs. grain daily of the following mixture: 4 lbs. each bran and corn meal, 2 lbs. ground oats, .5 lb. cottonseed meal, 1.5 lbs. oil meal; 30 lbs. ensilage, clover hay.
Feb., 1915. Same ration as given in January.
Mar., 1915. 12 lbs. grain daily of the following mixture: 4 lbs. each bran and corn meal, 2 lbs. ground oats, 1.5 lbs. cottonseed meal, .5 lb. oil meal; 30 lbs. ensilage, alfalfa hay.
Apr., 1915. 10 lbs. grain daily of the following mixture: 3 lbs. bran, 5.5 lbs. corn meal, 1 lb. cottonseed meal, .5 lb. oil meal; 30 lbs. ensilage, alfalfa hay.
May, 1915. 10 lbs. grain daily of the following mixture: 3 lbs. bran, 5 lbs. corn meal, 1.5 lbs. cottonseed meal, .5 lb. oil meal; alfalfa and pasture.
June, 1915. Same ration as given in May.
July, 1915. 10 lbs. grain daily of the following mixture: 2.5 lbs. bran, 4 lbs. corn meal, 1 lb. cottonseed meal, .5 lb. oil meal, 2 lbs. molasses feed; alfalfa and pasture.
Aug., 1915. 9 lbs. grain daily of the following mixture: 4 lbs. each bran and molasses feed, .75 lb. cottonseed meal, .25 lb. oil meal; clover hay and pasture.
Sept., 1915. 8 lbs. grain daily of the following mixture: 500 lbs. each bran and Arcady Dairy Feed, 100 lbs. cottonseed meal, 50 lbs. oil meal; clover hay and pasture.
Oct., 1915. 9 lbs. grain daily of the following mixture: 500 lbs. each bran and ground (corn and oats), 100 lbs. each cottonseed meal and oil meal; corn fodder, clover hay, and pasture.
Nov., 1915. 9 lbs. grain daily of the following mixture: 500 lbs. each bran and ground (corn and oats), 100 lbs. each cottonseed meal and oil meal; 30 lbs. ensilage, corn fodder and clover hay.
Dec., 1915. 8 lbs. grain daily of the following mixture: 400 lbs. bran, 600 lbs. ground oats and corn, 50 lbs. cottonseed meal, 100 lbs. oil meal; 30 lbs. ensilage, corn fodder, clover and alfalfa hay.
Jan., 1916. Same ration as given in December.

Entry of Additional Record. Previous year's record: 7315.70 lbs. milk; 405.64 lbs. butter fat. Published in Vol. XXVII.

Re-entry 2030 **Masher's Golden of Birchwood 32340**

Sire Imp. Spotswood Masher Sequel (9687) A. R.
Sire Imp. Masher's Sequel (11462) A. R.
Dam Imp. Justinée's Golden Queen (17552) A. R. 436.
Dam Olive of Richmond (15815) A. R. 218.
Sire King Coral (5238) A. R.
Dam Laura Bishop (13367).
Breeder M. L. Welles, Rosendale, Wis.
Owner M. L. Welles, Rosendale, Wis.
Born Dec. 11, 1909. *Calved* Jan. 24, 1915. *Served* June 23, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 11818.80 lbs. milk; 485.21 lbs. butter fat.

(Record from Jan. 26, 1915 to Jan. 25, 1916.)
Supervised under one day test by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	221.00 lbs.	4.10 %	9.06 lbs.
Feb.,	"	1348.10 "	4.10 "	55.27 "
Mar.,	"	1534.60 "	3.54 "	54.32 "
Apr.,	"	1300.30 "	3.67 "	47.72 "
May,	"	1275.90 "	3.94 "	50.27 "
June,	"	1060.70 "	4.57 "	48.47 "
July,	"	991.30 "	4.09 "	40.54 "
Aug.,	"	987.20 "	4.10 "	40.48 "
Sept.,	"	795.00 "	4.45 "	35.38 "
Oct.,	"	740.30 "	4.70 "	34.79 "
Nov.,	"	667.20 "	4.35 "	29.02 "
Dec.,	"	545.90 "	4.38 "	23.91 "
Jan.,	1916,	351.30 "	4.55 "	15.98 "
Total		11818.80 lbs.	4.11 Av. %	485.21 lbs.

Feed

Jan., 1915. 6 lbs. grain daily of the following mixture: 18 lbs. each ground (barley and oats) and Arcady Dairy Feed; 190 lbs. ensilage, 48 lbs. mixed hay.
Feb., 1915. 8.3 lbs. grain daily of the following mixture: 112 lbs. ground barley and oats, 120 lbs. Arcady Dairy Feed; 120 lbs. roots, 800 lbs. ensilage, 270 lbs. mixed hay.
Mar., 1915. 14 lbs. grain daily of the following mixture: 139 lbs. ground barley and oats, 147 lbs. each Arcady Dairy Feed and Unicorn Dairy Ration; 150 lbs. roots, 1080 lbs. ensilage, 250 lbs. mixed hay.
Apr., 1915. 12 lbs. grain daily of the following mixture: 135 lbs. ground barley, 225 lbs. Arcady Dairy Feed and Unicorn Dairy Ration; 750 lbs. ensilage, 270 lbs. mixed hay.
May, 1915. 6.8 lbs. grain daily of the following mixture: 75 lbs. each ground barley and Unicorn Dairy Ration, 60 lbs. Arcady Dairy Feed; 300 lbs. ensilage, 80 lbs. mixed hay, pasture 20 days.
June, 1915. 5 lbs. grain daily of the following mixture: 60 lbs. ground barley and oats, 90 lbs. Unicorn Dairy Ration; 300 lbs. ensilage, 100 lbs. clover hay, pasture.
July, 1915. 6.8 lbs. grain daily of the following mixture: 62 lbs. ground oats, 150 lbs. Unicorn Dairy Ration; 600 lbs. ensilage, 150 lbs. hay, pasture.
Aug., 1915. 6 lbs. grain daily of the following mixture: 62 lbs. (ground oats and Schumacher Feed), 124 lbs. Unicorn Dairy Ration; 700 lbs. ensilage, 120 lbs. hay, pasture.
Sept., 1915. 7 lbs. grain daily of the following mixture: 90 lbs. Schumacher Feed, 120 lbs. Unicorn Dairy Ration; 900 lbs. ensilage, 240 lbs. hay, pasture.
Oct., 1915. 7 lbs. grain daily of the following mixture: 124 lbs. ground oats, 90 lbs. Unicorn Dairy Ration; 700 lbs. ensilage, 200 lbs. clover hay, pasture.
Nov., 1915. 6 lbs. grain daily of the following mixture: 120 lbs. ground oats, 60 lbs. Unicorn Dairy Ration; 100 lbs. roots, 900 lbs. ensilage, 240 lbs. mixed hay.
Dec., 1915. 4 lbs. grain daily of the following mixture: 62 lbs. each Unicorn Dairy Ration and ground oats; 100 lbs. roots, 900 lbs. ensilage, 240 lbs. mixed hay.
Jan., 1916. 4 lbs. grain daily of the following mixture: 20 lbs. bran, 30 lbs. ground oats, 50 lbs. Unicorn Dairy Ration; 120 lbs. roots, 700 lbs. ensilage, 250 lbs. clover hay.

Entry of Additional Record. Previous year's record: 7075.90 lbs. milk; 306.30 lbs. butter fat. Published in Vol. XXVII.

Re-entry 2088 **Clover of Lindhearst 18629**

Sire Duke of Lindhearst (8189).
Sire Blue Blood (6310).
Dam Lady Myrtle of Homestead (11526).
Dam Zera of Riverside (15280).
Sire Squire Wetherill (5217) A. R.
Dam Nonpareil's Dorothy (13445).
Breeder Earl D. Fisher, Bolivar, Ohio.
Owner Albert C. Loring, Minneapolis, Minn.
Born Jan. 12, 1905. *Calved* Oct. 17, 1914. *Served* May 12, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 10644.20 lbs. milk; 519.56 lbs. butter fat.

(Record from Oct. 25, 1914 to Oct. 24, 1915.)
Supervised by Minnesota Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1914,	275.80 lbs.	4.48 %	12.36 lbs.
Nov.,	"	1266.00 "	4.03 "	51.02 "
Dec.,	"	1154.10 "	4.14 "	47.78 "
Jan.,	1915,	1056.80 "	4.16 "	48.12 "
Feb.,	"	983.40 "	4.99 "	49.07 "
Mar.,	"	1033.50 "	4.72 "	48.78 "
Apr.,	"	916.90 "	4.85 "	44.47 "
May,	"	976.20 "	5.59 "	54.57 "
June,	"	799.30 "	5.65 "	45.16 "
July,	"	714.20 "	5.12 "	36.57 "
Aug.,	"	601.40 "	5.27 "	31.69 "
Sept.,	"	523.60 "	5.43 "	28.43 "
Oct.,	"	343.00 "	6.28 "	21.54 "
Total		10644.20 lbs.	4.88 Av. %	519.56 lbs.

Feed

Oct., 1914. 6 lbs. grain daily of the following mixture: 600 lbs. bran, 200 lbs. each middlings and ground barley; 10 lbs. beets, ensilage and alfalfa hay.
Nov., 1914. 11.4 lbs. grain daily, 9 lbs. of the following mixture with .9 lb. gluten and 1.5 lbs. oil meal added: 600 lbs. bran, 200 lbs. middlings, 300 lbs. ground barley; ensilage and alfalfa hay.
Dec., 1914. 9 lbs. grain daily of the following mixture: 60 lbs. bran, 10 lbs. each middlings, ground barley, and oil meal, 25 lbs. ground oats, 7 lbs. gluten, 5 lbs. cottonseed meal; 15 lbs. beets, ensilage and alfalfa hay.
Jan., 1915. 12 lbs. grain daily of the following mixture: 100 lbs. bran, 10 lbs. each middlings, gluten, and oil meal, 40 lbs. ground oats, 30 lbs. ground barley, 20 lbs. cottonseed meal; 10 lbs. beets, ensilage and alfalfa hay.
Feb., 1915. 9 lbs. grain daily of the following mixture: 200 lbs. bran, 80 lbs. ground oats, 60 lbs. ground barley, 20 lbs. each gluten and oil meal, 40 lbs. cottonseed meal; 12 lbs. beets, 25 lbs. ensilage, alfalfa hay.
Mar., 1915. 9 lbs. grain daily of the following mixture: 200 lbs. bran, 10 lbs. each middlings and gluten, 80 lbs. ground oats, 60 lbs. ground barley, 40 lbs. cottonseed meal, 20 lbs. oil meal; 10 lbs. beets, ensilage and alfalfa hay.
Apr., 1915. 12 lbs. grain daily same mixture as given in March; same roughage as given in March.
May, 1915. Same ration from 1st to 10th as given in April; from 11th to 31st 7.5 lbs. grain daily of the following mixture: 200 lbs. bran, 10 lbs. each middlings and gluten, 80 lbs. ground oats, 90 lbs. ground barley, 20 lbs. oil meal; pasture.
June, 1915. 7.5 lbs. grain daily same mixture as given last of May; pasture.
July, 1915. 12 lbs. grain daily same mixture as given in June; pasture.
Aug., 1915. 13.5 lbs. grain daily same mixture as given in June; 15 lbs. ensilage, 10 lbs. green corn for half of the month, 5 lbs. alfalfa hay, pasture.
Sept., 1915. Same grain ration as given in August; 15 lbs. each green corn and ensilage, alfalfa hay.
Oct., 1915. 15 lbs. grain daily same mixture as given in August; green corn to the 10th then ensilage, alfalfa hay.

Entry of Additional Record. Previous year's record: 10552.50 lbs. milk; 494.22 lbs. butter fat. Published in Vol. XXVII.

Re-entry 2191 **Millwood's Cousin Clotilde 28985**

Sire Squire Canterbury (10437).
Sire Glencoe's Canterbury (7728) A. R.
Dam Lily Bell of Canterbury (11352).
Dam Millwood's Cousin Clio (19798).
Sire Gilbertville (7717).
Dam Millwood's Cousin Bluebell (15866) A. R. 366.
Breeder N. I. Bowditch, Framingham, Mass.
Owner Clement S. Houghton, Sherborn, Mass.
Born Dec. 20, 1908. *Calved* Dec. 3, 1914. *Served* Sept. 25, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 9549.70 lbs. milk; 529.85 lbs. butter fat.

(Record from Dec. 7, 1914 to Dec. 6, 1915.)
Supervised by Massachusetts Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1914,	1055.80 lbs.	5.80 %	61.24 lbs.
Jan.,	1915,	1374.20 "	5.80 "	79.70 "
Feb.,	"	1208.70 "	5.30 "	64.06 "
Mar.,	"	1213.80 "	5.42 "	65.79 "
Apr.,	"	978.30 "	5.57 "	54.49 "
May,	"	920.50 "	5.33 "	49.06 "
June,	"	709.70 "	5.40 "	38.32 "
July,	"	656.40 "	5.41 "	35.51 "
Aug.,	"	575.10 "	5.30 "	30.48 "
Sept.,	"	405.00 "	5.78 "	23.41 "
Oct.,	"	266.90 "	5.97 "	15.93 "
Nov.,	"	157.80 "	6.40 "	10.10 "
Dec.,	"	27.50 "	6.40 "	1.76 "
Total		9549.70 lbs.	5.55 Av. %	529.85 lbs.

Feed

Dec., 1914. 4 lbs. increased to 12 lbs. daily of equal parts bran and ground oats to the 27th, then 1 lb. grain daily of the following mixture to each 3 lbs. milk: 3 lbs. each bran and ground oats, 2 lbs. each corn meal, gluten, cottonseed meal, and oil meal; 8 lbs. beet pulp, 25 lbs. ensilage, 5 lbs. each alfalfa and mixed hay.
Jan., 1915. 1 lb. grain daily of the following mixture to each 3 lbs. milk: 2 lbs. each bran, gluten, hominy, cottonseed meal, and oil meal, 3 lbs. each ground oats and Ajax Flakes; 8 lbs. beet pulp, 20 lbs. ensilage, 5 lbs. each alfalfa and mixed hay.
Feb., 1915. Same ration as given in January.
Mar., 1915. 1 lb. grain daily of the following mixture to each 3 lbs. milk: 2 lbs. each bran, gluten, and hominy, 3 lbs. each ground oats and cottonseed meal, 4 lbs. Ajax Flakes, 1 lb. oil meal; 5 lbs. beet pulp, 20 lbs. ensilage, 5 lbs. each alfalfa and clover hay.
Apr., 1915. Same ration as given in March.
May, 1915. 1 lb. grain daily of the following mixture to each 3 lbs. milk: 2 lbs. each bran, gluten, hominy, cottonseed meal, and oil meal, 3 lbs. each ground oats and Ajax Flakes; 8 lbs. beet pulp, 20 lbs. ensilage, green wheat and vetch, 5 lbs. alfalfa hay.
June, 1915. Same grain ration as given in May; green wheat and vetch to the 20th, then green clover.
July, 1915. Same grain ration as given in May; green oats and peas.
Aug., 1915. Same grain ration as given in May; green millet.
Sept., 1915. Same ration as given in August.
Oct., 1915. 1 lb. grain daily of the following mixture to each 3 lbs. milk: 2 lbs. each bran, gluten, hominy, cottonseed meal, and oil meal, 4 lbs. each ground oats and Ajax Flakes; 8 lbs. beet pulp, 20 lbs. ensilage, 5 lbs. each alfalfa and clover hay.
Nov., 1915. Same ration as given in October.
Dec., 1915. Same ration as given in October.

Entry of Additional Record. Previous year's record: 7832.30 lbs. milk; 435.03 lbs. butter fat. Published in Vol. XXI.

Re-entry 2356 **Manoa's May Rose 25269**

Sire Manoa (11687) A. R.
Sire Imp. May Rose King (8336) A. R.
Dam Mantle (18129) A. R. 1214.
Dam Fanny of Pomeroy (21732).
Sire Begalore (10101).
Dam Bonnie of Haddon's Linden (16978).
Breeder M. T. Phillips, Pomeroy, Pa.
Owner W. H. Dupee, Santee, Cal.
Born June 26, 1908. *Calved* Nov. 15, 1914. *Served* May 18, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 11888.40 lbs. milk; 545.11 lbs. butter fat.

(Record from Nov. 22, 1914 to Nov. 21, 1915.)
Supervised by California Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1914,	348.00 lbs.	3.95 %	13.75 lbs.
Dec.,	"	1400.40 "	3.95 "	55.32 "
Jan.,	1915,	1340.90 "	4.47 "	59.94 "
Feb.,	"	1172.40 "	4.47 "	52.41 "
Mar.,	"	1196.60 "	4.39 "	52.53 "
Apr.,	"	1119.00 "	4.70 "	52.59 "
May,	"	1019.30 "	4.72 "	48.11 "
June,	"	798.70 "	4.48 "	35.78 "
July,	"	826.50 "	4.78 "	39.51 "
Aug.,	"	766.00 "	4.86 "	37.23 "
Sept.,	"	741.50 "	4.76 "	35.30 "
Oct.,	"	706.60 "	5.38 "	38.02 "
Nov.,	"	452.50 "	5.44 "	24.62 "
Total		11888.40 lbs.	4.59 Av. %	545.11 lbs.

Feed

Nov., 1914. 12 lbs. grain daily of the following mixture: 100 lbs. each corn meal and soy bean meal, 150 lbs. ground oats, 50 lbs. rolled barley; 2 lbs. beet pulp, 18 lbs. each mangels and ensilage, alfalfa hay.
Dec., 1914. Same ration as given in November.
Jan., 1915. 15 lbs. grain daily of the following mixture with .5 lb. molasses added: 200 lbs. each bran and ground oats, 100 lbs. each corn meal and soy bean meal; ensilage and alfalfa hay.
Feb., 1915. 15 lbs. grain daily of the following mixture with .5 lb. molasses added: 160 lbs. bran, 75 lbs. corn meal, 140 lbs. ground oats, 50 lbs. cottonseed meal, 100 lbs. soy bean meal; 3 lbs. beet pulp, green barley and alfalfa hay.
Mar., 1915. 15 lbs. grain daily of the following mixture with .5 lb. molasses added: 120 lbs. bran, 80 lbs. corn meal, 140 lbs. ground oats, 75 lbs. cottonseed meal, 125 lbs. soy bean meal; green feed, ensilage, and alfalfa hay.
Apr., 1915. 15 lbs. grain daily of the following mixture with .5 lb. molasses added: 160 lbs. bran, 80 lbs. corn meal, 140 lbs. ground oats, 100 lbs. soy bean meal, 75 lbs. cottonseed meal; 3 lbs. beet pulp, green feed, ensilage, alfalfa hay.
May, 1915. 12 lbs. grain daily of the following mixture with .5 lb. molasses added: 480 lbs. bran, 100 lbs. each corn meal and cottonseed meal, 300 lbs. ground oats, 200 lbs. soy bean meal; green alfalfa and alfalfa hay.
June, 1915. 10 lbs. grain daily of the same mixture as given in May with .5 lb. molasses added; green alfalfa and alfalfa hay.
July, 1915. 12 lbs. grain daily of the following mixture with .5 lb. molasses added: 400 lbs. bran, 100 lbs. each corn meal and cottonseed meal, 300 lbs. ground oats, 200 lbs. soy bean meal; green alfalfa and alfalfa hay.
Aug., 1915. 12 lbs. grain daily of the following mixture with .5 lb. molasses added from 1st to 15th: 400 lbs. bran, 200 lbs. corn meal, 350 lbs. ground oats, 100 lbs. each cottonseed meal and soy bean meal; 30 lbs. beets, green corn ensilage and alfalfa hay.
Sept., 1915. Same grain ration as given in August; green alfalfa and alfalfa hay.
Oct., 1915. Same grain ration as given in August; 15 lbs. beets, ensilage, green alfalfa, and alfalfa hay.
Nov., 1915. 11 lbs. grain daily of the same mixture as given in August with .5 lb. molasses added; 15 lbs. each beets and ensilage, alfalfa hay.

Entry of Additional Record. Previous year's record: 8602.20 lbs. milk; 404.16 lbs. butter fat. Published in Vol. XXVIII.

Re-entry 2416 **Primana of Woodend 32242**

Sire Imp. Cora's Governor of Chilmark (8971) A. R.
Sire On Guernsey Governor of the Chêne (R. G. A. S. 1297 P. S.) A. R.
Dam Imp. Cora's Queen's Prize IV. (16004) A. R. 143.
Dam Primana (18439) A. R. 1611.
Sire Primeval (4812) A. R.
Dam Diana of Maplehurst (12169) A. R. 180.
Breeder Albert C. Loring, Minneapolis, Minn.
Owner Albert C. Loring, Minneapolis, Minn.
Born Feb. 16, 1910. *Calved* Nov. 18, 1914. *Served* May 1, 1915.
Requirement for admission: 351.20 lbs. butter fat.

Official year's record: 9947.80 lbs. milk; 531.16 lbs. butter fat.

(Record from Nov. 21, 1914 to Nov. 20, 1915.)
Supervised by Minnesota Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1914,	284.10 lbs.	5.33 %	15.14 lbs.
Dec.,	"	998.90 "	5.04 "	50.34 "
Jan.,	1915,	1028.20 "	4.86 "	49.97 "
Feb.,	"	905.10 "	4.95 "	44.80 "
Mar.,	"	949.00 "	5.31 "	50.39 "
Apr.,	"	923.40 "	5.37 "	49.59 "
May,	"	922.30 "	5.68 "	52.39 "
June,	"	760.60 "	5.68 "	43.20 "
July,	"	730.10 "	5.24 "	38.26 "
Aug.,	"	733.40 "	5.40 "	39.60 "
Sept.,	"	660.20 "	5.56 "	36.71 "
Oct.,	"	666.90 "	5.77 "	38.48 "
Nov.,	"	385.60 "	5.78 "	22.29 "
Total		9947.80 lbs.	5.34 Av. %	531.16 lbs.

Feed

Nov., 1914. 7.2 lbs. grain daily, 6 lbs. of the following mixture with .6 lb. each gluten and oil meal added: 600 lbs. bran, 200 lbs. middlings, 300 lbs. ground barley; ensilage and alfalfa hay.
Dec., 1914. 7.5 lbs. grain daily of the following mixture: 60 lbs. bran, 10 lbs. each middlings, ground barley, and oil meal, 25 lbs. ground oats, 7 lbs. gluten, 5 lbs. cottonseed meal; 15 lbs. beets, ensilage and alfalfa hay.
Jan., 1915. 12 lbs. grain daily of the following mixture: 100 lbs. bran, 10 lbs. each middlings, gluten, and oil meal, 40 lbs. ground oats, 30 lbs. ground barley, 20 lbs. cottonseed meal; 10 lbs. roots, ensilage and alfalfa hay.
Feb., 1915. 9 lbs. grain daily of the following mixture: 200 lbs. bran, 80 lbs. ground oats, 60 lbs. ground barley, 20 lbs. each gluten and oil meal, 40 lbs. cottonseed meal; 12 lbs. beets, 30 lbs. ensilage, alfalfa hay.
Mar., 1915. 9 lbs. grain daily of the following mixture: 200 lbs. bran, 80 lbs. ground oats, 60 lbs. ground barley, 10 lbs. each gluten and middlings, 40 lbs. cottonseed meal, 20 lbs. oil meal; 10 lbs. beets, ensilage and alfalfa hay.
Apr., 1915. 12 lbs. grain daily same mixture as given in March; same roughage.
May, 1915. Same ration from 1st to 10th as given in April, then 7.5 lbs. grain daily of the following mixture: 200 lbs. bran, 10 lbs. each middlings and gluten, 80 lbs. ground oats, 90 lbs. ground barley, 20 lbs. oil meal; pasture.
June, 1915. Same ration as given last of May.
July, 1915. 12 lbs. grain daily same mixture as given in June; pasture.
Aug., 1915. 13.5 lbs. grain daily same mixture as given in June; 15 lbs. ensilage, 5 lbs. each green corn and alfalfa, pasture.
Sept., 1915. Same grain ration as given in August; 18 to 20 lbs. ensilage, 15 lbs. green corn, alfalfa hay and pasture.
Oct., 1915. 15 lbs. grain daily same mixture as given in June; green corn to the 10th, 15 lbs. beets with ensilage after the 10th, alfalfa hay.
Nov., 1915. 15 lbs. grain daily of the following mixture: 300 lbs. bran, 20 lbs. each middlings and gluten, 225 lbs. ground oats, 200 lbs. ground barley, 60 lbs. cottonseed meal, 40 lbs. oil meal; 20 to 25 lbs. beets, 30 to 35 lbs. ensilage, 12 to 15 lbs. alfalfa hay.

Entry of Additional Record. Previous year's record: 6669.20 lbs. milk; 374.51 lbs. butter fat. Published in Vol. XXVIII.

Re-entry 2419 **Princess Coral of Paulsdale 26321**

Sire Alphea's Glenwood of Pinehurst (10551).
Sire Glenwood Boy of Haddon (4605) A. R.
Dam Alphea of Fernwood (10336) A. R. 129.
Dam Ramona's Cora (13697).
Sire Romance of Paulsdale (4621).
Dam Corabina (8678).
Breeder Est. William M. Paul, Moorestown, N. J.
Owner Robert F. Whitmer, Hatboro, Pa.
Born Mar. 16, 1908. *Calved* Aug. 21, 1914. *Served* Feb. 7, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 11107.80 lbs. milk; 513.32 lbs. butter fat.
Supervised by National Farm School, Farm School, Pa.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1914,	1498.60 lbs.	4.19 %	62.79 lbs.
Oct.,	"	1666.70 "	4.30 "	71.67 "
Nov.,	"	1576.70 "	4.43 "	69.85 "
Dec.,	"	1337.00 "	4.67 "	62.44 "
Jan.,	1915,	934.70 "	4.91 "	45.89 "
Feb.,	"	672.60 "	5.16 "	34.71 "
Mar.,	"	609.40 "	4.90 "	29.86 "
Apr.,	"	628.90 "	4.63 "	29.12 "
May,	"	691.60 "	4.68 "	32.37 "
June,	"	643.20 "	4.90 "	31.52 "
July,	"	490.80 "	5.13 "	25.18 "
Aug.,	"	357.60 "	5.01 "	17.92 "
Total		11107.80 lbs.	4.62 Av. %	513.32 lbs.

Feed

Sept., 1914. 15 lbs. grain daily of the following mixture: 2.5 lbs. each bran, gluten, and cottonseed meal, 1.25 lbs. each ground oats and oat meal, 5 lbs. Brewers' Grains; 15 lbs. each ensilage and alfalfa hay.
Oct., 1914. 13 lbs. grain daily, 8 lbs. of the following mixture with 5 lbs. Union Grains added: 200 lbs. bran, 100 lbs. gluten, 50 lbs. each cottonseed meal and oil meal; 25 lbs. ensilage, 15 lbs. alfalfa hay.
Nov., 1914. 16 lbs. grain daily of the following mixture: 200 lbs. each bran and Union Grains, 100 lbs. each corn meal, gluten, and cottonseed meal, 50 lbs. oil meal; 30 lbs. ensilage, 15 lbs. alfalfa hay.
Dec., 1914. 14 lbs. grain daily of the following mixture: 200 lbs. each bran and Union Grains, 100 lbs. each corn meal, gluten, and cottonseed meal, 50 lbs. oil meal; 25 lbs. ensilage, 20 lbs hay.
Jan., 1915. Same grain ration as given in December; 25 lbs. ensilage, 15 lbs. alfalfa hay.
Feb., 1915. 12 lbs. grain daily same mixture as given in December; 25 lbs. ensilage, 15 lbs. alfalfa hay.
Mar., 1915. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, gluten meal, and cottonseed meal, 200 lbs. Brewers' Grains, 50 lbs. O. P. oil meal; 25 lbs. ensilage, 12 lbs alfalfa hay.
Apr., 1915. 10 lbs. grain daily same mixture as given in March; 25 lbs. ensilage, 10 lbs. alfalfa hay.
May, 1915. Same grain ration as given in March; 25 lbs. ensilage, 10 lbs. alfalfa hay.
June, 1915. 12 lbs. grain daily of the following mixture: 100 lbs. each bran and gluten, 50 lbs. each corn meal and cottonseed meal, 200 lbs. Brewers' Grains; 25 lbs. ensilage, 10 lbs alfalfa hay.
July, 1915. 11 lbs. grain daily of the following mixture: 200 lbs. each bran and Brewers' Grains, 100 lbs. each corn meal, gluten, cottonseed meal, and linseed meal; 25 lbs. ensilage, 10 lbs. alfalfa hay.
Aug., 1915. 11 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, gluten, and cottonseed meal, 200 lbs. Brewers' Grains, 50 lbs. linseed meal; 25 lbs. ensilage, pasture.

Entry of Additional Record. Previous year's record: 8285.20 lbs. milk; 362.27 lbs. butter fat. Published in Vol. XXVIII.

Re-entry 2454 **Golden May Queen of Pencoyd 24174**

Sire Imp. Golden Secret of Lilyvale (10028) A. R.
Sire Imp. Golden Secret (12599) A. R.
Dam Imp. Lady Beatrice of Lilyvale (18526).
Dam Langwater Early Rose (19145).
Sire Imp. King of the May (9001) A. R.
Dam Early Rose of Raritan (11782) A. R. 72.
Breeder T. W. & I. W. Roberts, Bala, Pa.
Owner M. T. Phillips, Pomeroy, Pa.
Born Sept. 25, 1907. *Calved* Oct. 28, 1914. *Served* Oct. 13, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 11055.70 lbs. milk: 561.75 lbs. butter fat.
(Record from Nov. 3, 1914 to Nov. 2, 1915.)
Supervised by Pennsylvania Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1914,	1223.90 lbs.	4.72 %	57.77 lbs.
Dec.,	"	1314.80 "	4.72 "	62.06 "
Jan.,	1915,	1178.70 "	4.72 "	55.63 "
Feb.,	"	1015.70 "	5.92 "	60.13 "
Mar.,	"	1062.90 "	5.15 "	54.74 "
Apr.,	"	1003.30 "	5.46 "	54.78 "
May,	"	1030.40 "	5.08 "	52.34 "
June,	"	881.70 "	5.16 "	45.50 "
July,	"	767.30 "	5.21 "	39.98 "
Aug.,	"	620.80 "	4.88 "	30.30 "
Sept.,	"	448.00 "	5.25 "	23.52 "
Oct.,	"	475.60 "	4.92 "	23.40 "
Nov.,	"	32.60 "	4.92 "	1.60 "
Total		11055.70 lbs.	5.08 Av. %	561.75 lbs.

Feed

Nov., 1914. 11.8 lbs. grain daily of the following mixture: 70 lbs. each bran, corn meal, and ground oats, 42 lbs. each Brewers' Grains and Distillers' Grains, 14 lbs. cottonseed meal, and 22 lbs. O. P. oil meal; 2 lbs. beet pulp, 3.3 lbs. mangels, ensilage and alfalfa hay.
Dec., 1914. 10.6 lbs. grain daily of the following mixture: 62 lbs. each bran, ground oats, and Distillers' Grains, 78 lbs. corn and cob meal, 31 lbs. cottonseed meal, 15 lbs. O. P. oil meal, 20 lbs. molasses feed; 2 lbs. beet pulp, 6.66 lbs. beets, ensilage and mixed hay.
Jan., 1915. 11.5 lbs. grain daily of the following mixture: 62 lbs. each bran and Brewers' Grains, 77 lbs. each (corn and cob) meal and ground oats, 31 lbs. each cottonseed meal and molasses feed, 16 lbs. O. P. oil meal; 2.5 lbs. beet pulp, ensilage, mixed timothy and alfalfa hay.
Feb., 1915. 13 lbs. grain daily of the following mixture: 70 lbs. each bran and Ajax Flakes, 56 lbs. each corn and cob meal and beet pulp, 42 lbs. each cottonseed meal and molasses feed, 28 lbs. O. P. oil meal; ensilage, alfalfa and timothy hay.
Mar., 1915. 7 lbs. grain daily of the following mixture: 62 lbs. each bran and beet pulp, 46.5 lbs. each corn and cob meal, Brewers' Grains, and molasses feed, 15 lbs. ground oats, 23 lbs. cottonseed meal, 15.5 lbs. O. P. oil meal; ensilage and mixed hay.
Apr., 1915. 13.2 lbs. grain daily of the following mixture: 60 lbs. each bran, Distillers' Grains, and gluten, 75 lbs. each corn and cob meal and beet pulp, 22 lbs. cottonseed meal, 15 lbs. O. P. oil meal; ensilage, alfalfa and timothy hay.
May, 1915. 8.9 lbs. grain daily of the following mixture: 62 lbs. each bran and corn meal, 30 lbs. hominy, 46 lbs. each Distillers' Grains and gluten, 15 lbs. each cottonseed meal and O. P. oil meal; 2 lbs. beet pulp, ensilage, mixed alfalfa and timothy hay to the 15th, then pasture.
June, 1915. 8 lbs. grain daily of the following mixture: 60 lbs. each bran and Brewers' Grains, 30 lbs. each hominy and Distillers' Grains, 45 lbs. corn meal, 15 lbs. O. P. oil meal; 1 lb. beet pulp, alfalfa hay and pasture.
July, 1915. 6.5 lbs. grain daily of the following mixture: 62 lbs. each bran and Brewers' Grains, 31 lbs. each corn meal and hominy, 16 lbs. O. P. oil meal; 2 lbs. beet pulp, ensilage and pasture.
Aug., 1915. 5.4 lbs. grain daily of the following mixture: 45 lbs. bran, 31 lbs. each hominy, Brewers' Grains, and gluten, 15 lbs. each cottonseed meal and O. P. oil meal; ensilage and pasture.
Sept., 1915. 6.5 lbs. grain daily of the following mixture: 60 lbs. bran, 45 lbs. each hominy, ground oats, and Brewers' Grains; 1.5 lbs. beet pulp, ensilage, mixed hay, and pasture.
Oct., 1915. 6 lbs. grain daily of the following mixture: 46 lbs. each bran and gluten, 31 lbs. each ground oats, Ajax Flakes, and Brewers' Grains; 1.5 lbs. beet pulp, ensilage, alfalfa hay, and pasture.
Nov., 1915. 6 lbs. grain daily of the following mixture: 3 lbs. each bran and gluten, 2 lbs. each ground oats, Ajax Flakes, and Brewers' Grains; 4 lbs. beet pulp. ensilage, alfalfa hay, and pasture.

Entry of Additional Record. Previous year's record: 10053.60 lbs. milk; 483.22 lbs. butter fat. Published in Vol. XXVIII.

Re-entry 2534 **Imp. Fanny of the Mourants 34344**

Sire On Guernsey Druce's Park Ranger (R. G. A. S. 1991 P. S.) A. R.
Sire On Guernsey Druce's Champion (R. G. A. S. 1810 P. S.).
Dam On Guernsey Druce's Fillpail (R. G. A. S. 2880 F. S.).
Dam Imp. Victoria Cross of the Isle (35338).
Sire On Guernsey Frederick of the Haut Pavé (R. G. A. S. 1670 P. S.) A. R.
Dam On Guernsey Victoria Cross I. (R. G. A. S. 6406 P. S.).
Breeder C. W. Browning, Island of Guernsey.
Owner C. C. Allen, Kenosha, Wis.
Born Mar. 10, 1910. *Calved* Feb. 21, 1915. *Served* May 28, 1915.
Requirement for admission: 358.30 lbs. butter fat.

Official year's record: 10769.00 lbs. milk; 600.88 lbs. butter fat.

(Record from Feb. 22, 1915 to Feb. 21, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Feb.,	1915,	282.70 lbs.	6.64 %	18.77 lbs.
Mar.,	"	1516.10 "	6.64 "	100.67 "
Apr.,	"	1517.40 "	5.39 "	81.79 "
May,	"	1587.20 "	5.48 "	86.98 "
June,	"	1423.30 "	5.21 "	74.15 "
July,	"	1105.90 "	4.87 "	53.86 "
Aug.,	"	985.70 "	5.40 "	53.23 "
Sept.,	"	891.60 "	5.30 "	47.25 "
Oct.,	"	625.50 "	5.56 "	34.78 "
Nov.,	"	477.80 "	5.82 "	27.81 "
Dec.,	"	298.10 "	6.07 "	18.09 "
*Jan.,	1916,	57.70 "	6.07 "	3.50 "
Feb.,	"	Dry.		
Total		10769.00 lbs.	5.58 Av. %	600.88 lbs.

*Dry 20 days in January.

Feed

Feb., 1915. 4 lbs. bran daily; 3 lbs. beet pulp, 5 lbs. ensilage, alfalfa hay.
Mar., 1915. 6 lbs. grain daily of equal parts bran and Schumacher Feed; 3 lbs. beet pulp, 15 lbs. ensilage, alfalfa hay.
Apr., 1915. 12 lbs. grain daily of the following mixture: 200 lbs. each bran, ground oats, and Schumacher Feed, 150 lbs. corn and cob meal, 300 lbs. D. D. D. Grains, 100 lbs. each cottonseed meal and oil meal; 1.5 lbs. molasses, 3 lbs. beet pulp, 25 lbs. ensilage, alfalfa hay and pasture.
May, 1915. 13 lbs. grain daily same mixture as given in April; 1 lb. molasses, 3 lbs. beet pulp (½ wet and ½ dry), 20 lbs. ensilage, green alfalfa and pasture.
June, 1915. 13 lbs. grain daily same mixture as given in April from 1st to 22d, then 12 lbs. daily of same mixture; 3 lbs. beet pulp, 1.5 lbs. molasses, green oats and peas, 15 lbs. ensilage from 1st to 22d, green alfalfa and pasture.
July, 1915. 12 lbs. grain daily same mixture as given in April; 1 lb. each molasses and beet pulp, green alfalfa and pasture.
Aug., 1915. Same grain ration as given in April; green alfalfa and pasture.
Sept., 1915. 13 lbs. grain daily same mixture as given in April; 1.5 lbs. beet pulp, green corn and alfalfa pasture.
Oct., 1915. 9 lbs. grain daily same mixture as given in April; 1.5 lbs. beet pulp, corn fodder and pasture.
Nov., 1915. 12 lbs. grain daily same mixture as given in April; 1 lb. molasses, 1.5 lbs. beet pulp, 25 lbs. ensilage, 4 lbs. alfalfa hay.
Dec., 1915. 8 lbs. grain daily of the following mixture: 200 lbs. each bran, ground oats, and cottonseed meal, 50 lbs. ground barley, 300 lbs. D. D. D. Grains, 100 lbs. each Schumacher Feed and oil meal; 1.5 lbs. beet pulp, 30 lbs. ensilage, 4 lbs. alfalfa hay.
Jan., 1916. No ration given.
Feb., 1916. No ration given.

Entry of Additional Record. Previous year's record as a two year old: 9483.70 lbs. milk, 507.63 lbs. butter fat; as a three year old: 10664.50 lbs. milk, 545.49 lbs. butter fat. Published in Vols. XXIX. & XXX.

Re-entry 2547 **Chronicle 2d 33987**

Sire Couleur's Sheet Anchor (13499) A. R.
Sire None-like (7624).
Dam Imp. Couleur de Rose (14456) A. R. 70.
Dam Imp. Chronicle (19555) A. R. 1403.
Sire On Guernsey Golden Jewel (R. G. A. S. 1336 P. S.).
Dam On Guernsey Quartiers Favourite III. (R. G. A. S. 3829 P. S.)
Breeder J. L. Hope, Madison, N. J.
Owner J. L. Hope, Madison, N. J.
Born June 29, 1910. *Calved* Dec. 30, 1914. *Served* July 14, 1915.
Requirement for admission: 342.20 lbs. butter fat.

Official year's record: 11357.95 lbs. milk; 486.74 lbs. butter fat.

(Record from Jan. 3, 1915 to Jan. 2, 1916.)
Supervised under one day test by New Jersey Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	1304.75 lbs.	3.96 %	51.67 lbs.
Feb.,	"	1366.80 "	4.11 "	56.18 "
Mar.,	"	1374.85 "	4.48 "	61.59 "
Apr.,	"	1205.55 "	4.09 "	49.31 "
May,	"	1175.25 "	4.35 "	51.12 "
June,	"	972.15 "	4.27 "	41.51 "
July,	"	879.00 "	4.25 "	37.36 "
Aug.,	"	790.35 "	4.20 "	33.19 "
Sept.,	"	674.20 "	4.27 "	28.79 "
Oct.,	"	539.30 "	4.39 "	23.68 "
Nov.,	"	519.15 "	4.86 "	25.23 "
Dec.,	"	526.10 "	4.87 "	25.62 "
Jan.,	1916,	30.50 "	4.87 "	1.49 "
Total		11357.95 lbs.	4.29 Av. %	486.74 lbs.

Feed

Jan., 1915. 15 lbs. grain daily of the following mixture: 34 lbs. bran, 12 lbs. each crushed oats and oil meal, 167 lbs. Union Grains, 210 lbs. beet pulp; 8 lbs. ensilage, 10 lbs. alfalfa hay.
Feb., 1915. 16 lbs. grain daily of the following mixture: 34 lbs. bran, 11 lbs. each crushed oats and oil meal, 168 lbs. Union Grains, 224 lbs. beet pulp; 8 lbs. ensilage, 10 lbs. alfalfa hay.
Mar., 1915. 17 lbs. grain daily of the following mixture: 36 lbs. bran, 13 lbs. each crushed oats and oil meal, 217 lbs. Union Grains, 248 lbs. beet pulp; 10 lbs. ensilage, 5 lbs. each alfalfa and clover hay.
Apr., 1915. 19 lbs. grain daily of the following mixture: 36 lbs. bran, 12 lbs. each crushed oats and oil meal, 270 lbs. Union Grains, 240 lbs. beet pulp; 8 lbs. ensilage, 5 lbs. each alfalfa and clover hay.
May, 1915. 18.4 lbs. grain daily of the following mixture: 36 lbs. bran, 13 lbs. each crushed oats and oil meal, 279 lbs. Union Grains, 229 lbs. beet pulp; 4 lbs. each ensilage and clover hay, pasture.
June, 1915. 14 lbs. grain daily of the following mixture: 36 lbs. bran, 12 lbs. each crushed oats and oil meal, 240 lbs. Union Grains, 120 lbs. beet pulp; pasture.
July, 1915. 17 lbs. grain daily of the following mixture: 36 lbs. bran, 13 lbs. each crushed oats and oil meal, 248 lbs. Union Grains, 217 lbs. beet pulp; 8 lbs. alfalfa hay, pasture.
Aug., 1915. Same grain ration as given in July; pasture.
Sept., 1915. 17 lbs. grain daily of the following mixture: 36 lbs. bran, 12 lbs. each crushed oats and oil meal, 240 lbs. Union Grains, 210 lbs. beet pulp; 4 lbs. alfalfa hay, pasture.
Oct., 1915. 15 lbs. grain daily of the following mixture: 36 lbs. bran, 248 lbs. Union Grains, 13 lbs. each crushed oats and oil meal, 152 lbs. beet pulp; 30 lbs. green corn and 10 lbs. alfalfa hay.
Nov., 1915. 11.9 lbs. grain daily of the following mixture: 36 lbs. bran, 12 lbs. each crushed oats and oil meal, 240 lbs. Union Grains, 56 lbs. beet pulp; 14.3 lbs. ensilage, 14 lbs. roots, 10 lbs. alfalfa hay.
Dec., 1915. 11 lbs. grain daily of the following mixture: 36 lbs. bran, 13 lbs. each crushed oats and oil meal, 217 lbs. Union Grains, 62 lbs. beet pulp; 14 lbs. roots, 10 lbs. ensilage, 8 lbs. alfalfa hay.
Jan., 1916. 11 lbs. grain daily of the following mixture: 2 lbs. bran, 1 lb. each crushed oats and oil meal, 14 lbs. Union Grains, 4 lbs. beet pulp; 14 lbs. roots, 10 lbs. each ensilage and alfalfa hay.

Entry of Additional Record. Previous year's record: 10490.70 lbs. milk; 472.42 lbs. butter fat. Published in Vol. XXIX.

Re-entry 2578 **The Rose of Hildesheim 24819**

Sire Bishop of Hardwick (8106) A. R.
Sire Le Pierre of Hardwick (7386) A. R.
Dam Golden Lady (7753).
Dam Camelia of Lebanon (20379) A. R. 666.
Sire Sport of Meadowbrook (7552) A. R.
Dam Rose of Raritan (8820).
Breeder W. T. Porter, Dover, Mass.
Owner W. T. Porter, Dover, Mass.
Born Mar. 21, 1908. *Calved* Dec. 22, 1914.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 10778.60 lbs. milk; 459.58 lbs. butter fat.

(Record from Dec. 25, 1914 to Dec. 24, 1915.)
Supervised by Massachusetts Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1914,	249.40 lbs.	3.79 %	9.45 lbs.
Jan.,	1915,	1356.20 "	3.85 "	52.21 "
Feb.,	"	1186.80 "	4.40 "	52.22 "
Mar.,	"	1208.90 "	4.16 "	50.29 "
Apr.,	"	1127.60 "	4.12 "	46.46 "
May,	"	1036.60 "	3.98 "	41.26 "
June,	"	956.10 "	4.24 "	40.54 "
July,	"	905.50 "	4.19 "	37.94 "
Aug.,	"	778.10 "	4.22 "	32.84 "
Sept.,	"	631.00 "	4.48 "	28.27 "
Oct.,	"	572.20 "	4.51 "	25.81 "
Nov.,	"	477.90 "	5.49 "	26.24 "
Dec.,	"	292.30 "	5.49 "	16.05 "
Total		10778.60 lbs.	4.26 Av. %	459.58 lbs.

Feed

Dec., 1914. 10 lbs. grain daily of the following mixture: 3 parts bran, 1 part each corn meal, ground oats, gluten, cottonseed meal, and oil meal; 4.7 lbs. beet pulp, 24.5 lbs. ensilage, hay.
Jan., 1915. 14 lbs. grain daily of the following mixture: 2 parts bran, 1 part each corn meal, ground oats, gluten, cottonseed meal, and oil meal; 5 lbs. beet pulp, 26 lbs. ensilage, 10 lbs. hay.
Feb., 1915. Same ration as given in January.
Mar., 1915. 13 lbs. grain daily same mixture as given in February; same roughage.
Apr., 1915. 12.5 lbs. grain daily of the following mixture: 2 parts bran, 1 part each corn meal, ground oats, cottonseed meal, and linseed meal; 4.2 lbs. beet pulp, 13.3 lbs. ensilage, alfalfa and mixed hay.
May, 1915. 11.1 lbs. grain daily same mixture as given in April with .5 part gluten added; 4 lbs. beet pulp, 13 lbs. ensilage, green rye and alfalfa hay.
June, 1915. 12 lbs. grain daily of the following mixture: 2 parts each bran and cottonseed meal, 1 part each corn meal, ground oats, gluten, and oil meal; 5 lbs. beet pulp, 15 lbs. ensilage, alfalfa hay.
July, 1915. 12 lbs. grain daily of the following mixture: 2 parts each bran and cottonseed meal, 1 part each corn meal, ground oats, gluten, and oil meal; 5 lbs. beet pulp, 15 lbs. ensilage, green feed and hay.
Aug., 1915. 9 lbs. grain daily of the following mixture: 2 parts bran, 1 part each corn meal, ground oats, gluten, cottonseed meal, and oil meal; 5 lbs. beet pulp, 15 lbs. ensilage, green feed and hay.
Sept., 1915. 7 lbs. grain daily same mixture as given in August; 4 lbs. beet pulp, 15 lbs. ensilage, hay.
Oct., 1915. 8 lbs. grain daily of the following mixture: 2 parts bran, 1 part each corn meal, ground oats, gluten, cottonseed meal, and linseed meal; 4 lbs. beet pulp, 15 lbs. ensilage, alfalfa and mixed hay.
Nov., 1915. 6 lbs. grain daily of the following mixture: 2 parts bran, 1 part each corn meal, ground oats, gluten, cottonseed meal, and oil meal; 4 lbs. beet pulp, 15 lbs. ensilage, alfalfa hay.
Dec., 1915. Same ration as given in November.

Entry of Additional Record. Previous year's record: 9797.05 lbs. milk; 437.44 lbs. butter fat. Published in Vol. XXIX.

Re-entry 2761 **May King's Lady Chesterbrook of Ingleside 35127**

Sire May King of Ingleside (12558) A. R.
Sire Imp. King of the May (9001) A. R.
Dam Dolly Bloom of Langwater (15452) A. R. 674.
Dam Lady Chesterbrook of Haddon (22755) A. R. 713.
Sire Glenwood's Main Stay (6067) A. R.
Dam Chesterbrook's Nubiana (13636) A. R. 307.
Breeder Truman W. Brophy, Edison Park, Ill.
Owner Truman W. Brophy, Edison Park, Ill.
Born Sept. 22, 1910. *Calved* June 6, 1914.
Requirement for admission: 314.00 lbs. butter fat.

Official year's record: 10068.50 lbs. milk; 437.39 lbs. butter fat.

(Record from June 20, 1914 to June 19, 1915.)
Supervised by Illinois Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
June,	1914,	591.90 lbs.	3.76 %	22.26 lbs.
July,	"	1780.60 "	3.76 "	66.95 "
Aug.,	"	1628.10 "	3.70 "	60.24 "
Sept.,	"	857.80 "	5.39 "	46.24 "
Oct.,	"	847.40 "	5.47 "	46.35 "
Nov.,	"	893.40 "	4.20 "	37.52 "
Dec.,	"	798.60 "	4.18 "	33.38 "
Jan.,	1915,	647.90 "	4.15 "	26.89 "
Feb.,	"	609.10 "	4.19 "	25.52 "
Mar.,	"	517.50 "	4.73 "	24.48 "
Apr.,	"	438.80 "	5.25 "	23.04 "
May,	"	313.70 "	5.51 "	17.28 "
June,	"	143.70 "	5.04 "	7.24 "
Total		10068.50 lbs.	4.34 Av. %	437.39 lbs.

Feed

June, 1914. 25 lbs. grain daily of the following mixture: 10 lbs. bran, 4 lbs. each corn meal and gluten, 6 lbs. ground oats, 1 lb. oil meal; 10 lbs. beet pulp, 30 lbs. ensilage, 20 lbs. alfalfa, 15 lbs. clover hay.
July, 1914. Same ration as given in June.
Aug., 1914. 23 lbs. grain daily of the following mixture: 10 lbs. bran, 4 lbs. each corn meal, ground oats, and gluten, 1 lb. oil meal; 6 lbs. beet pulp, 25 lbs. ensilage, 20 lbs. alfalfa, 15 lbs. clover hay.
Sept., 1914. 23 lbs. grain daily of the following mixture: 8 lbs. bran, 6 lbs. corn meal, 4 lbs. each ground oats and gluten, 1 lb. oil meal; 8 lbs. beet pulp, 25 lbs. ensilage, 15 lbs. each alfalfa and clover hay.
Oct., 1914. 17 lbs. grain daily of the following mixture: 6 lbs. each bran and corn meal, 4 lbs. gluten, 1 lb. oil meal; 4 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa, 5 lbs. mixed hay.
Nov., 1914. 20 lbs. grain daily of the following mixture: 6 lbs. bran, 4 lbs. each ground oats, corn meal, and gluten, 1 lb. each cottonseed meal and oil meal; 6 lbs. beet pulp, 4 lbs. cabbage, 15 lbs. ensilage, 10 lbs. each alfalfa and mixed hay.
Dec., 1914. 14 lbs. grain daily of the following mixture: 6 lbs. bran, 4 lbs. ground corn and oats, 3 lbs. gluten, 1 lb. oil meal; 20 lbs. ensilage, 10 lbs. alfalfa hay.
Jan., 1915. 15 lbs. grain daily of the following mixture: 8 lbs. bran, 4 lbs. ground corn and oats, 2 lbs. gluten, 1 lb. oil meal; 25 lbs. ensilage, 10 lbs. alfalfa hay.
Feb., 1915. 17 lbs. grain daily of the following mixture: 8 lbs. bran, 4 lbs. each ground (corn and oats) and gluten, 1 lb. oil meal; 6 lbs. carrots, 20 lbs. ensilage, 15 lbs. alfalfa hay.
Mar., 1915. 16 lbs. grain daily of the following mixture: 6 lbs. bran, 5 lbs. ground corn and oats, 4 lbs. gluten, 1 lb. oil meal; 30 lbs. ensilage, 10 lbs. alfalfa hay.
Apr., 1915. 16 lbs. grain daily of the following mixture: 6 lbs. bran, 4 lbs. ground corn and oats, 3 lbs. gluten, 2 lbs. cottonseed meal, 1 lb. oil meal; 20 lbs. ensilage, 10 lbs. alfalfa hay.
May, 1915. 16.5 lbs. grain daily of the following mixture: 6 lbs. bran, 4 lbs. each ground (corn and oats) and gluten, 2 lbs. cottonseed meal, .5 lb. oil meal; 30 lbs. ensilage, 10 lbs. alfalfa hay.
June, 1915. 11 lbs. grain daily of the following mixture: 4 lbs. each bran and ground (corn and oats), 2 lbs. gluten, 1 lb. oil meal; 20 lbs. ensilage, 10 lbs. alfalfa hay, pasture.

Entry of Additional Record. Previous year's record: 9122.00 lbs. milk; 419.80 lbs. butter fat. Published in Vol. XXIX.

Re-entry 2928 **Imp. Ladysmith of Sarnia 40246**

Sire On Guernsey Justinée's Sequel of the Préel (R. G. A. S. 2119 P. S.) A. R.
Sire Imp. Galaxy's Sequel (16904) A. R.
Dam On Guernsey Justinée IV. (R. G. A. S. 5091 P. S.).
Dam On Guernsey Ladysmith III. (R. G. A. S. 6766 P. S.).
Sire On Guernsey Royal Governor of l'Etiennerie (R. G. A. S. 1484 P. S.) A. R.
Dam On Guernsey Ladysmith I. (R. G. A. S. 4907 P. S.).
Breeder Peter Martel, Jr., Island of Guernsey.
Owner C. C. Allen, Kenosha, Wis.
Born Feb. 16, 1911. *Calved* Oct. 14, 1914. *Served* Mar. 20, 1915.
Requirement for admission: 311.10 lbs. butter fat.

Official year's record: 12429.20 lbs. milk; 643.77 lbs. butter fat.

(Record from Oct. 16, 1914 to Oct. 15, 1915.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1914,	651.80 lbs.	5.05 %	32.92 lbs.
Nov.,	"	1347.20 "	5.05 "	68.03 "
Dec.,	"	1328.70 "	4.90 "	65.11 "
Jan.,	1915,	1198.50 "	5.02 "	60.16 "
Feb.,	"	1056.80 "	5.33 "	56.33 "
Mar.,	"	1110.90 "	4.97 "	55.21 "
Apr.,	"	1019.80 "	5.23 "	53.34 "
May,	"	1042.00 "	5.28 "	55.02 "
June,	"	956.60 "	5.07 "	48.50 "
July,	"	910.00 "	5.25 "	47.78 "
Aug.,	"	769.60 "	5.30 "	40.79 "
Sept.,	"	720.50 "	5.63 "	40.56 "
Oct.,	"	316.80 "	6.32 "	20.02 "
Total		12429.20 lbs.	5.18 Av. %	643.77 lbs.

Feed

Oct., 1914. 6 to 9 lbs. grain daily of the following mixture: 150 lbs. each bran, ground oats, and corn meal, 300 lbs. D. D. D. Grains, 200 lbs. cottonseed meal, 100 lbs. oil meal; 1 lb. beet pulp, 10 lbs. roots, 25 lbs. ensilage, alfalfa hay.
Nov., 1914. 10 to 12 lbs. grain daily of the following mixture: 150 lbs. each bran, corn meal, and cottonseed meal, 200 lbs. ground oats, 300 lbs. D. D. D. Grains, 100 lbs. oil meal; .5 lb. beet pulp, 12 lbs. roots, 30 lbs. ensilage, alfalfa hay.
Dec., 1914. 15 lbs. grain daily of the following mixture: 200 lbs. each bran and ground oats, 150 lbs. corn and cob meal, 300 lbs. D. D. D. Grains, 100 lbs. each cottonseed meal and oil meal; 2 lbs. beet pulp, 15 lbs. roots, 35 lbs. ensilage, alfalfa hay.
Jan., 1915. 12 lbs. grain daily same mixture as given in December; .5 lb. beet pulp, 15 lbs. roots, 35 lbs. ensilage, alfalfa hay.
Feb., 1915. 13.5 lbs. grain daily same mixture as given in December; 1 lb. beet pulp, 15 lbs. beets, 30 lbs. ensilage, alfalfa hay.
Mar., 1915. 13 lbs. grain daily of the following mixture: 200 lbs. each bran, ground oats, and Schumacher Feed, 150 lbs. corn and cob meal, 300 lbs. D. D. D. Grains, 100 lbs. each cottonseed meal and oil meal; 2.5 lbs. beet pulp, 35 lbs. ensilage, alfalfa and mixed hay.
Apr., 1915. 12 lbs. grain daily same mixture as given in March; 1 lb. molasses, 3 lbs. beet pulp, 30 lbs. ensilage, alfalfa and mixed hay, pasture.
May, 1915. 12 lbs. grain daily same mixture as given in March; .5 lb. molasses, 3 lbs. beet pulp, 20 lbs. ensilage, alfalfa hay, green alfalfa and pasture last of month.
June, 1915. 11 lbs. grain daily same mixture as given in March; 2 lbs. beet pulp, 25 lbs. ensilage to the 22d, green alfalfa and pasture.
July, 1915. 10 lbs. grain daily same mixture as given in March; green alfalfa and pasture.
Aug., 1915. 12 lbs. grain daily same mixture as given in March; green alfalfa and pasture.
Sept., 1915. 12 lbs. grain daily same mixture as given in March; 1.5 lbs. beet pulp, green corn and alfalfa pasture.
Oct., 1915. Same grain ration as given in July; 1.5 lbs. beet pulp, 8 lbs. beets, green corn and alfalfa pasture.

Entry of Additional Record. Previous year's record: 9359.90 lbs. milk; 499.21 lbs. butter fat. Published in Vol. XXIX.

Re-entry 2939 **Lactea of Oak Hill 36402**

Sire Peter Pan of Oak Hill (13322).
Sire Nancy Mac's Son of Norwood (10044) A. R.
Dam Canterbury Bud (18563) A. R. 1111.
Dam Coralina (21845).
Sire Scorpio (7494).
Dam Bessie of Wayland (11839).
Breeder J. Amory Haskell, Red Bank, N. J.
Owner J. Amory Haskell, Red Bank, N. J.
Born Jan. 16, 1911. *Calved* Dec. 26, 1914. *Served* July 5, 1915.
Requirement for admission: 321.60 lbs. butter fat.

Official year's record: 7790.30 lbs. milk; 394.72 lbs. butter fat.

(Record from Dec. 29, 1914 to Dec. 28, 1915.)
Supervised by New Jersey Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1914,	96.40 lbs.	4.77 %	4.60 lbs.
Jan.,	1915,	1116.60 "	4.77 "	53.26 "
Feb.,	"	925.50 "	4.82 "	44.61 "
Mar.,	"	921.90 "	5.09 "	46.92 "
Apr.,	"	732.60 "	5.35 "	39.19 "
May,	"	760.30 "	4.62 "	35.13 "
June,	"	697.60 "	4.75 "	33.14 "
July,	"	672.50 "	4.84 "	32.55 "
Aug.,	"	551.10 "	5.16 "	28.44 "
Sept.,	"	410.70 "	5.48 "	22.51 "
Oct.,	"	328.70 "	6.01 "	19.75 "
Nov.,	"	284.70 "	5.93 "	16.88 "
Dec.,	"	291.70 "	6.08 "	17.74 "
Total		7790.30 lbs.	5.07 Av. %	394.72 lbs.

Feed

Dec., 1914. 12.4 lbs. grain daily, 12 lbs. equal parts bran and ground oats with .4 lb. oil meal added; 30 lbs. ensilage, alfalfa hay.
Jan., 1915. 12 lbs. grain daily of the following mixture: 3 parts bran, 1 part each corn meal, hominy, gluten, and oil meal, 2 parts each Unicorn Dairy Ration, Ajax Flakes, and cottonseed meal; 2 lbs. beet pulp, 30 lbs. ensilage, alfalfa hay.
Feb., 1915. 12 lbs. grain daily of the following mixture: 4 parts bran, 1 part each hominy, Ajax Flakes, gluten, and oil meal, 3 parts each Purina Alfalfa Feed and Unicorn Dairy Ration, 2 parts cottonseed meal; 2 lbs. beet pulp, 30 lbs. ensilage, alfalfa hay.
Mar., 1915. 12 lbs. grain daily of the following mixture: 3 parts each bran and ground oats, 1 part each hominy, gluten, and oil meal, 2 parts each Ajax Flakes, Unicorn Dairy Ration, and oil meal; 35 lbs. ensilage, alfalfa hay.
Apr., 1915. 12 lbs. grain daily of the following mixture: 1 part each bran and ground oats, .5 part each hominy, cottonseed meal, and oil meal, 1.5 parts Distillers' Grains; 30 lbs. ensilage, alfalfa hay.
May, 1915. 8 lbs. grain daily of the following mixture: 1 part each corn meal and beet pulp, 3 parts bran, 2 parts each hominy, ground oats, and gluten, 4 parts Unicorn Dairy Ration, 1.5 parts each Ajax Flakes, cottonseed meal, and oil meal; pasture.
June, 1915. 7 lbs. grain daily of the following mixture with 1.5 lbs. Unicorn Dairy Ration added daily after 15th: 2 parts each bran, ground oats, and Ajax Flakes, .5 part corn meal, 1.5 parts each hominy and oil meal, 3 parts Unicorn Dairy Ration, 1 part each gluten, cottonseed meal, and beet pulp; 5 lbs. alfalfa hay, pasture.
July, 1915. 8 lbs. grain daily of the following mixture: 3 parts each bran and ground oats, 2 parts each hominy, Ajax Flakes, and gluten, 1.5 parts Unicorn Dairy Ration, 1 part each cottonseed meal and oil meal, with 2 parts Union Grains added to mixture after the 25th; 6 lbs. alfalfa hay, pasture.
Aug., 1915. 8 lbs. grain daily of the following mixture: 3 parts each bran and ground oats, 1 part each corn meal, hominy, and cottonseed meal, 2 parts each Union Grains and gluten, 1.75 parts Ajax Flakes, 1.25 parts oil meal; 10 lbs. beets, 8 lbs. alfalfa hay, pasture.
Sept., 1915. 6 lbs. grain daily of the following mixture: 5 parts bran, 2 parts each hominy, ground oats, Ajax Flakes, and gluten, 1 part each Schumacher Feed and Union Grains, .75 part cottonseed meal, 1.75 parts oil meal; 10 lbs. beets, 20 lbs. ensilage after the 10th, 10 lbs. alfalfa hay, pasture.
Oct., 1915. 8 lbs. grain daily of the following mixture: 2 parts each bran, gluten, Ajax Flakes, and hominy, 3 parts ground oats, 1 part each corn meal, cottonseed meal, and oil meal, 1.75 parts Union Grains; 10 lbs. beets, 20 lbs. ensilage, 8 lbs. alfalfa hay, pasture.
Nov., 1915. 7 lbs. grain daily of the following mixture: 3 lbs. each bran and ground oats, 1 lb. each hominy, cottonseed meal, and oil meal, 2 lbs. each Ajax Flakes, Union Grains, and gluten; 10 lbs. each beets and alfalfa hay, 35 lbs. ensilage.
Dec., 1915. 7 lbs. grain daily of the following mixture: 3 lbs. each bran, ground oats, and gluten, 2 lbs. each hominy, Ajax Flakes, and Union Grains, 1 lb. each cottonseed meal, oil meal, and beet pulp; 10 lbs. beets, 35 lbs. ensilage, 10 lbs. alfalfa hay.

Entry of Additional Record. Previous year's record: 5881.10 lbs. milk; 290.76 lbs. butter fat. Published in Vol. XXIX.

Re-entry 2993 **Imp. Mesaba's Queen 27190**

Sire On Guernsey Jim of Newgrove (R. G. A. S. 1930 P. S.) A. R.
Sire On Guernsey King of the Meadow (R. G. A. S. 1431 P. S.) A. R.
Dam On Guernsey Daisy III. des Câches (R. G. A. S. 2396 F. S.).
Dam Imp. Newgrove Queen II. (27175) A. R. 1352.
Sire Imp. Masher's Sequel (11462) A. R.
Dam Imp. Newgrove Queen (23647) A. R. 899.
Breeder W. Le Poidevin, Island of Guernsey.
Owner W. T. Barbour, Birmingham, Mich.
Born Apr. 27, 1909. *Calved* Sept. 26, 1914. *Served* May 20, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 7938.80 lbs. milk; 420.74 lbs. butter fat.

Supervised by Michigan Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1914,	928.70 lbs.	5.52 %	51.26 lbs.
Nov.,	"	808.20 "	5.33 "	43.08 "
Dec.,	"	772.20 "	5.33 "	41.16 "
Jan.,	1915,	705.10 "	5.15 "	36.31 "
Feb.,	"	662.90 "	4.97 "	32.95 "
Mar.,	"	702.50 "	5.31 "	37.30 "
Apr.,	"	614.00 "	5.48 "	33.65 "
May,	"	623.20 "	5.18 "	32.28 "
June,	"	582.60 "	5.02 "	29.25 "
July,	"	572.30 "	5.16 "	29.53 "
Aug.,	"	511.00 "	5.50 "	28.11 "
Sept.,	"	456.10 "	5.67 "	25.86 "
Total		7938.80 lbs.	5.30 Av. %	420.74 lbs.

Feed

Oct., 1914. 15 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 50 lbs. each hominy, cottonseed meal, and oil meal, 160 lbs. Ajax Flakes; 8 lbs. beet pulp, 40 lbs. ensilage, 10 lbs. alfalfa hay.
Nov., 1914. 9 lbs. grain daily same mixture as given in October; same roughage.
Dec., 1914. 8.3 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 75 lbs. corn meal, 125 lbs. Ajax Flakes, 25 lbs. each cottonseed meal and linseed meal; 5 lbs. beet pulp, 40 lbs. ensilage, 10 lbs. clover hay.
Jan., 1915. 7.6 lbs. grain daily same mixture as given in December; same roughage.
Feb., 1915. 12 lbs. grain daily of the following mixture: 150 lbs. each bran and cottonseed meal, 75 lbs. hominy, 50 lbs. ground oats, 320 lbs. Ajax Flakes, 100 lbs. oil meal; 5 lbs. beet pulp, 40 lbs. ensilage, 10 lbs. alfalfa hay.
Mar., 1915. 11.3 lbs. grain daily of the following mixture: 150 lbs. each bran and cottonseed meal, 50 lbs. hominy, 125 lbs. Distillers' Grains, 200 lbs. Farmale Feed, 100 lbs. oil meal; 5 lbs. beet pulp, 40 lbs. ensilage, 10 lbs. hay.
Apr., 1915. 10.3 lbs. grain daily of the following mixture: 200 lbs. each bran, Schumacher Feed, and cottonseed meal, 250 lbs. Ajax Flakes, 100 lbs. oil meal; 4 lbs. beet pulp, 40 lbs. ensilage, 8 lbs. clover hay.
May, 1915. 6.7 lbs. grain daily of the following mixture: 3 parts Schumacher Feed, 1 part cottonseed meal; 4 lbs. beet pulp, 30 lbs. ensilage, 8 lbs. hay, pasture.
June, 1915. 9.7 lbs. grain daily of the following mixture: 200 lbs. each bran and cottonseed meal, 250 lbs. Ajax Flakes, 100 lbs. Schumacher Feed, 50 lbs. oil meal; 4 lbs. beet pulp, green feed and pasture.
July, 1915. 9.3 lbs. grain daily of the following mixture: 200 lbs. bran, 250 lbs. Ajax Flakes, 100 lbs. each ground oats, gluten feed, cottonseed meal, and oil meal; 5 lbs. beet pulp, green feed and pasture.
Aug., 1915. 8.3 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each ground oats, cottonseed meal, and oil meal, 250 lbs. Ajax Flakes; 5 lbs. beet pulp, green feed and pasture.
Sept., 1915. 7.6 lbs. grain daily of the following mixture: 200 lbs. each bran and ground oats, 250 lbs. Ajax Flakes, 100 lbs. each cottonseed meal and oil meal; 4 lbs. beet pulp, green feed and pasture.

Entry of Additional Record. Previous year's record: 9724.10 lbs. milk; 547.27 lbs. butter fat. Published in Vol. XXIX.

Re-entry 3048 **Imp. Madame Melba I. 29379**

Sire Imp. Galaxy's Sequel (16904) A. R.
Sire Imp. Masher's Sequel (11462) A. R.
Dam On Guernsey Galaxy (R. G. A. S. 4422 P. S.).
Dam On Guernsey Cheminante X. (R. G. A. S. 6288 P. S.).
Sire On Guernsey Golden Boy (R. G. A. S. 1293 P. S.).
Dam On Guernsey Cheminante V. (R. G. A. S. 4683 P. S.).
Breeder John Carrington, Island of Guernsey.
Owner Henry W. Leeds, Westville, N. J.
Born Apr. 19, 1908. *Calved* Jan. 9, 1915. *Served* July 18, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 11875.40 lbs. milk; 499.92 lbs. butter fat.

(Record from Jan. 14, 1915 to Jan. 13, 1916.)
Supervised by New Jersey Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	871.20 lbs.	4.72 %	41.15 lbs.
Feb.,	"	1523.10 "	3.79 "	57.73 "
Mar.,	"	1636.90 "	3.84 "	62.86 "
Apr.,	"	1456.50 "	3.88 "	56.51 "
May,	"	1411.50 "	4.22 "	59.57 "
*June,	"	1030.80 "	4.29 "	44.22 "
July,	"	661.30 "	4.19 "	27.71 "
Aug.,	"	722.60 "	4.14 "	29.92 "
Sept.,	"	626.20 "	4.25 "	26.61 "
Oct.,	"	572.10 "	4.81 "	27.52 "
Nov.,	"	552.00 "	5.10 "	28.15 "
Dec.,	"	551.90 "	4.68 "	25.83 "
Jan.,	1916,	259.30 "	4.68 "	12.14 "
Total		11875.40 lbs.	4.21 Av. %	499.92 lbs.

*4 days lacking in June.

Feed

Jan., 1915. 13 lbs. grain daily of the following mixture: 1 lb. each bran, corn meal, and oil meal, 10 lbs. Larro Feed; 35 lbs. roots, 20 lbs. ensilage, 8 lbs. hay.
Feb., 1915. 17 lbs. Larro Feed daily; 3 lbs. beet pulp, 35 lbs. roots, 30 lbs. ensilage, 8 lbs. hay.
Mar., 1915. 17 lbs. grain daily of a mixture of 16 lbs. Larro Feed and 1 lb. gluten; 3 lbs. beet pulp, 25 lbs ensilage, 8 lbs. alfalfa hay.
Apr., 1915. 18 lbs. Larro Feed daily; 3 lbs. beet pulp, 20 lbs. ensilage, 8 lbs. hay.
May, 1915. 18 lbs. Larro Feed daily; 3 lbs. beet pulp, pasture.
June, 1915. 15 lbs. Larro Feed daily excepting four days; 3 lbs. beet pulp, pasture.
July, 1915. 10 lbs. Larro Feed daily; 25 lbs. ensilage, pasture.
Aug., 1915. 7 lbs. Unicorn Dairy Ration daily; 25 lbs. ensilage, 3 lbs. alfalfa hay, pasture.
Sept., 1915. Same grain ration as given in August; 30 lbs. roots from 21st to 30th, 5 lbs. alfalfa hay, pasture.
Oct., 1915. 7 lbs. Unicorn Dairy Ration daily; 30 lbs. ensilage, 5 lbs. alfalfa hay, pasture.
Nov., 1915. 7 lbs. Unicorn Dairy Ration daily; 30 lbs. ensilage, 8 lbs. alfalfa hay.
Dec., 1915. 7 lbs. Unicorn Dairy Ration daily; 30 lbs. ensilage, 8 lbs. alfalfa hay.
Jan., 1916. 7 lbs. Larro Feed daily; 25 lbs. ensilage, 8 lbs. alfalfa hay.

Entry of Additional Record. Previous year's record: 10427.90 lbs. milk; 462.09 lbs. butter fat. Published in Vol. XXIX.

Re-entry 3054 **Mignonette of Rich Neck 36828**

Sire Lavanton (11611) A. R.
Sire Imp. Merry Anton (8337) A. R.
Dam Lavesa R. (15064) A. R. 669.
Dam Bloomfield Pandora (20760) A. R. 1354.
Sire Imp. Masher's Jewel (8868) A. R.
Dam Imp. Pandora of Lilyvale II. (18547).
Breeder H. H. Pearson, Jr., Claiborne, Md.
Owner H. H. Pearson, Jr., Claiborne, Md.
Born May 27, 1911. *Calved* Feb. 20, 1915. *Served* Dec. 12, 1915.
Requirement for admission: 314.20 lbs. butter fat.

Official year's record: 14304.90 lbs. milk; 800.77 lbs. butter fat.

(Record from Feb. 24, 1915 to Feb. 23, 1916.)
Supervised by Maryland Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Feb.,	1915,	209.10 lbs.	5.03 %	10.52 lbs.
Mar.,	"	1442.10 "	5.03 "	72.54 "
Apr.,	"	1513.30 "	4.94 "	74.76 "
May,	"	1586.10 "	5.38 "	85.33 "
June,	"	1391.90 "	5.72 "	79.62 "
July,	"	1357.10 "	5.56 "	75.45 "
Aug.,	"	1256.00 "	5.65 "	70.96 "
Sept.,	"	1132.40 "	5.75 "	65.11 "
Oct.,	"	1220.50 "	6.07 "	74.08 "
Nov.,	"	1125.30 "	6.20 "	69.77 "
Dec.,	"	873.00 "	6.32 "	55.17 "
Jan.,	1916,	681.30 "	5.57 "	37.95 "
Feb.,	"	516.80 "	5.71 "	29.51 "
Total		14304.90 lbs.	5.60 Av. %	800.77 lbs.

Feed

Feb., 1915. 10 lbs. grain on the 24th, then 9 lbs. of 4 lbs. each bran and ground oats, 1 lb. oil meal; 3 lbs. beet pulp, 6 lbs. roots, 8 to 10 lbs. ensilage, 10 lbs. alfalfa hay.
Mar., 1915. 9.75 to 15.25 lbs. grain daily, total of 432 lbs. of the following amounts, 250 lbs. "Standard Ration" (50 lbs. each wheat bran, corn meal, cottonseed meal, and linseed meal, 160 lbs. Ajax Flakes), 64 lbs. each bran and ground oats, 13.25 lbs. corn meal, 23.25 lbs. molasses meal, 17.5 lbs. oil meal; 135.5 lbs. beet pulp, 508 lbs. roots, 12 lbs. carrots, 598 lbs. ensilage, 310 lbs. alfalfa hay (total of roughage).
Apr., 1915. 15.75 to 18 lbs. grain daily (total of 508.75 lbs.), 175.5 lbs. of the following mixture: 12.5 lbs. each bran, corn meal, and linseed meal, 40 lbs. Ajax Flakes, 6.25 lbs. cottonseed meal, 37.5 lbs. beet pulp; 230.25 lbs. Special B. P. ration (12.5 lbs. each bran, corn meal, and linseed meal, 40 lbs. Ajax Flakes, 6.25 lbs. each cottonseed meal and beet pulp); 39 lbs. corn meal, 28.5 lbs. ground oats, 22.5 lbs. molasses meal, 13 lbs. oil meal; 111 lbs. beet pulp, 600 lbs. each roots and ensilage, 60 lbs. carrots, 300 lbs. alfalfa hay, pasture 1½ hours daily.
May, 1915. 17 to 18.25 lbs. grain daily, total of 539 lbs., 434 lbs. of the following mixture: 12.5 lbs. each bran, corn meal, and cottonseed meal, 40 lbs. Ajax Flakes, 6.25 lbs. each linseed meal and beet pulp; 36.25 lbs. corn meal, 62 lbs. ground oats, 4.5 lbs. molasses meal, 2.25 lbs. cottonseed meal; 124 lbs. beet pulp, 516 lbs. roots, 620 lbs. ensilage, 234 lbs. green feed, 310 lbs. alfalfa hay.
June, 1915. 18.75 to 4.5 lbs. grain daily, total of 520.75 lbs., 405 lbs. same mixture as given in May, 29 lbs. corn meal, 55.25 lbs. ground oats, 22.5 lbs. molasses meal, 9 lbs. cottonseed meal; 104 lbs. beet pulp, 215 lbs. green corn and Soja beans, 3 lbs. roots, 365 lbs. green feed and corn, 111 lbs. green alfalfa, 600 lbs. ensilage, 290 lbs. alfalfa hay.
July, 1915. 17.75 lbs. to 14.75 lbs. grain daily, total of 539.25 lbs., 420.25 lbs. same mixture as given in May, 31 lbs. corn meal, 62 lbs. ground oats, 18.75 lbs. molasses meal, 7.25 lbs. Soja bean meal; 124 lbs. beet pulp, 80 lbs. roots, 310 lbs. each green alfalfa and alfalfa hay, 465 lbs. green corn, 620 lbs. ensilage.
Aug., 1915. 15.5 to 16.75 lbs. grain daily, total of 507.5 lbs., 401 lbs. of the following mixture: 12.5 lbs. each bran, corn meal, and linseed meal, 40 lbs. Ajax Flakes, 6.25 lbs. each cottonseed meal and beet pulp; 6 lbs. corn meal, 62 lbs. ground oats, 22.25 lbs. molasses meal, 16.25 lbs. Soja bean meal; 124 lbs. beet pulp, 183 lbs. roots, 283 lbs. green alfalfa, 465 lbs. green corn, 620 lbs. ensilage, 310 lbs. alfalfa hay.
Sept., 1915. 17 to 17.75 lbs. grain daily, total of 523.50 lbs., 390 lbs. same mixture as given in August except no beet pulp, 9.25 lbs. corn meal, 60 lbs. ground oats, 22.5 lbs. molasses meal, 41.75 lbs. Soja bean meal; 120 lbs. beet pulp, 239 lbs. roots and carrots, 5 lbs. green Soja beans, 300 lbs. green alfalfa, 450 lbs. green corn, 600 lbs. ensilage, 300 lbs. alfalfa hay.
Oct., 1915. 17.75 to 18.75 lbs. grain daily, total of 571.5 lbs., 403 lbs. same grain ration as given in September, 15.5 lbs. corn meal, 62 lbs. ground oats, 23.25 lbs. molasses meal, 67.75 lbs. soy bean meal; 124 lbs. beet pulp, 488 lbs. beets, 124 lbs. carrots, 112 lbs. green alfalfa, 160 lbs. green corn, 648 lbs. ensilage, 310 lbs. alfalfa hay.
Nov., 1915. 18.75 to 17.65 lbs. grain daily, total of 558.15 lbs., 390 lbs. of the following mixture: 12.5 lbs. each bran, ground oats, and linseed meal, 40 lbs. Ajax Flakes, 6.5 lbs. cottonseed meal; 15.1 lbs. corn meal, 59.3 lbs. ground oats, 8.5 lbs. molasses meal, 74.75 lbs. Soja bean meal, 10.5 lbs. Bartlett Sugar Malt; 116 lbs. beet pulp, 742 lbs. beets, 128 lbs. carrots, 578 lbs. ensilage, 300 lbs. alfalfa hay.
Dec., 1915. 17.5 to 18.5 lbs. grain daily, total of 570.95 lbs., 403 lbs. of the following mixture: 12.5 lbs. each bran, ground oats, and beet pulp, 20 lbs. Ajax Flakes, 6.25 lbs. each cottonseed meal and linseed meal; 15.5 lbs. corn meal, 64 lbs. ground oats, 73.75 lbs. Soja bean meal, 5.7 lbs. cottonseed meal; 136.7 lbs. beet pulp, 9 lbs. molasses, 212 lbs. carrots, 713 lbs. roots, 653 lbs. ensilage, 310 lbs. alfalfa hay.
Jan., 1916. 18 to 15.8 lbs. grain daily, total of 534.9 lbs., 356.5 lbs. same mixture as given in September, 18.8 lbs. corn meal, 72.5 lbs. ground oats, 64.6 lbs. Soja bean meal; 145 lbs. beet pulp, 25.5 pints molasses, 312 lbs. roots, 364 lbs. carrots, 55 lbs. ensilage, 310 lbs. alfalfa hay.
Feb., 1916. 16.2 to 14.2 lbs. grain daily, total of 347.7 lbs., 224.5 lbs. same mixture as given in September, 18.4 lbs. corn meal, 46 lbs. ground oats, 55.2 lbs. Soja bean meal, 3.6 lbs. cottonseed meal; 115 lbs. beet pulp, 171.5 lbs. roots, 166 lbs. carrots, 439 lbs. ensilage, 230 lbs. alfalfa hay.

Entry of Additional Record. Previous year's record: 11099.50 lbs. milk; 573.92 lbs. butter fat. Published in Vol. XXIX.

Re-entry 3070 **Imp. Taylor's Miriam 33517**

Sire On Guernsey Surprise (R. G. A. S.2054 P. S.) A. R.
Sire On Guernsey Taylor's Nelson (R. G. A. S. 1775a P. S.) A. R.
Dam Imp. Miriam VI. (27821) A. R. 1600.
Dam Imp. Miriam III. of the Isle (31600).
Sire On Guernsey Hero of Les Marchez (R. G. A. S. 1382 P. S.).
Dam On Guernsey Miriam II. (R. G. A. S. 5840 P. S.).
Breeder James Taylor, Island of Guernsey.
Owner Edward R. Andrews, Putney, Vt.
Born Aug. 22, 1910. *Calved* Jan. 30, 1915. *Served* Nov. 10, 1916.
Requirement for admission: 339.70 lbs. butter fat.

Official year's record: 10263.60 lbs. milk; 577.53 lbs. butter fat.

Supervised by Vermont Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Feb.,	1915,	1095.20 lbs.	5.29 %	57.94 lbs.
Mar.,	"	1340.70 "	4.84 "	64.89 "
Apr.,	"	1363.20 "	5.32 "	72.52 "
May,	"	1258.10 "	5.45 "	68.57 "
June,	"	1164.10 "	5.45 "	63.44 "
July,	"	1055.10 "	5.56 "	58.66 "
Aug.,	"	710.30 "	6.39 "	45.39 "
Sept.,	"	656.10 "	6.52 "	42.78 "
Oct.,	"	410.50 "	6.93 "	28.45 "
Nov.,	"	393.80 "	6.61 "	26.03 "
Dec.,	"	436.40 "	5.77 "	25.18 "
Jan.,	1916,	380.10 "	6.23 "	23.68 "
Total		10263.60 lbs.	5.63 Av. %	577.53 lbs.

Feed

Feb., 1915. .5 lb. increasing to 4 lbs. each bran, ground oats, and oil meal to the 11th, with 1 lb. daily of the following mixture added from the 11th to the 14th: 50 lbs. each bran, hominy, and oil meal, 160 lbs. D. D. D. Grains, 25 lbs. cottonseed meal, 150 lbs. beet pulp; ration increased by 1 lb. more of mixture on the 14th, 21st, and 25th, when it consisted of 4 lbs. each bran, ground oats, and above mixture; beet pulp, mangels, ensilage, and hay.
Mar., 1915. 11 lbs. grain daily of the following mixture: 50 lbs. each corn meal, cottonseed meal, and oil meal, 160 lbs. D. D. D. Grains, 100 lbs. beet pulp; 5 lbs. beet pulp, 30 lbs. mangels, 10 lbs. ensilage, 12 lbs. hay.
Apr., 1915. Same ration as given in March.
May, 1915. Same grain ration as given in March; green oats and peas with mixed hay.
June, 1915. Same grain ration as given in March; green rye and vetch to the 20th, then green alfalfa.
July, 1915. 15 lbs. grain daily same mixture as given in March; green alfalfa to the 12th, then green oats and peas.
Aug., 1915. Same grain ration as given in July; green clover and alfalfa with mixed hay.
Sept., 1915. 15 lbs. grain daily of the following mixture: 50 lbs. each bran, corn meal, cottonseed meal, and oil meal, 100 lbs. each ground oats and beet pulp, 160 lbs. D. D. D. Grains; green clover or alfalfa.
Oct., 1915. Same ration as given in September.
Nov., 1915. Same ration as given in September.
Dec., 1915. Same ration as given in September.
Jan., 1916. Same ration as given in September.

Entry of Additional Record. Previous year's record: 7334.80 lbs. milk; 386.53 lbs. butter fat. Published in Vol. XXIX.

Re-entry 3072 **Louise Fisher 16382**

Sire Sultana's Sailor (7536) A. R.
Sire Sheet Anchor 2d (4149) A. R.
Dam Sultana of Paxtang (8732) A. R. 28.
Dam Gerar Maid (12893) A. R. 1717.
Sire Stranford's Dewey (5566) A. R.
Dam Louisa 2d (10442).
Breeder E. Gittings Merryman, Cockeysville, Md.
Owner Louis McL. Merryman, Cockeysville, Md.
Born Mar. 23, 1903. *Calved* Oct. 28, 1914. *Served* May 7, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 10433.10 lbs. milk; 487.61 lbs. butter fat.
Supervised by Maryland Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1914,	1142.20 lbs.	4.29 %	49.00 lbs.
Dec.,	"	1209.70 "	4.29 "	51.90 "
Jan.,	1915,	1133.20 "	4.64 "	52.58 "
Feb.,	"	995.80 "	4.87 "	48.50 "
Mar.,	"	1030.10 "	5.01 "	51.61 "
Apr.,	"	868.90 "	4.68 "	45.34 "
May,	"	928.70 "	4.64 "	43.09 "
June,	"	783.30 "	4.56 "	35.72 "
July,	"	700.60 "	4.72 "	33.07 "
Aug.,	"	668.30 "	4.45 "	29.74 "
Sept.,	"	542.20 "	4.77 "	25.86 "
Oct.,	"	430.10 "	4.93 "	21.20 "
Total		10433.10 lbs.	4.67 Av. %	487.61 lbs.

Feed

Nov., 1914. 8 increased to 15 lbs. grain daily of the following mixture: 300 lbs. each bran and corn meal, 200 lbs. each ground oats and cottonseed meal, 100 lbs. rye D. D. D. Grains, 75 lbs. oil meal; 12 lbs. roots, 30 to 50 lbs. ensilage, 10 to 15 lbs. alfalfa and mixed hay.
Dec., 1914. 15 lbs. grain daily same mixture as given in November; 1.5 lbs. beet pulp, 12 lbs. roots, 45 lbs. ensilage, 15 lbs. clover hay.
Jan., 1915. Same grain ration as given in December; 2 lbs. beet pulp, 16 lbs. molasses to 100 lbs. dry beet pulp, 12 lbs. roots, 45 lbs. ensilage, 15 lbs. mixed hay.
Feb., 1915. Same grain ration as given in December; 2 to 4 lbs. beet pulp, 12 lbs. molasses to 100 lbs. dry beet pulp, 12 lbs. roots, 45 lbs. ensilage, 15 lbs. mixed hay.
Mar., 1915. 12.75 lbs. grain daily, 12 lbs. same mixture as given in November with .75 lb. Green Meadow Feed added; 1.5 lbs. beet pulp, 40 lbs. ensilage, 10 lbs. mixed hay, rye pasture last of month.
Apr., 1915. 12 lbs. grain daily of the following mixture: 300 lbs. bran, 250 lbs. corn meal, 150 lbs. each ground oats and cottonseed meal, 125 lbs. Ajax Flakes, 100 lbs. Unicorn Dairy Ration, 75 lbs. oil meal; 1.5 lbs. beet pulp, 5 lbs. alfalfa hay, rye pasture.
May, 1915. 14 lbs. grain daily from 1st to 14th of the following mixture with 100 lbs. Thomas Dairy Feed added from 1st to 7th: 300 lbs. bran, 250 lbs. corn meal, 50 lbs. ground oats, 125 lbs. Ajax Flakes, 100 lbs. each Schumacher Feed and Unicorn Dairy Ration, 150 lbs. cottonseed meal, 75 lbs. oil meal; from 15th to 22d 14 lbs. of the following mixture: 300 lbs. each bran and Schumacher Feed, 100 lbs. each corn meal and Unicorn Dairy Ration, 125 lbs. Ajax Flakes, 150 lbs. cottonseed meal, 75 lbs. oil meal; from 23d to 31st 14 lbs. of the following mixture: 300 lbs. bran, 125 lbs. Ajax Flakes, 400 lbs. Schumacher Feed, 100 lbs. Unicorn Dairy Ration, 150 lbs. cottonseed meal, 75 lbs. oil meal; 2 lbs. beet pulp, green wheat in stable and pasture.
June, 1915. 14 lbs. grain daily of the following mixture: 300 lbs. bran, 150 lbs. each wheat middlings, corn meal, and cottonseed meal, 125 lbs. Ajax Flakes, 200 lbs. Schumacher Feed, 100 lbs. Unicorn Dairy Ration, 50 lbs. oil meal; 1.5 lbs. beet pulp, 5 lbs. alfalfa hay, pasture.
July, 1915. 12 lbs. grain daily from 1st to 5th of the following mixture: 300 lbs. bran, 100 lbs. each wheat middlings, ground barley, and Unicorn Dairy Ration, 150 lbs. each corn meal, Schumacher Feed, and cottonseed meal, 125 lbs. Ajax Flakes, 75 lbs. oil meal; from 6th to 31st same grain ration except 50 lbs. more ground barley and 50 lbs. less Schumacher Feed in mixture; 1 lb. beet pulp, 5 lbs. alfalfa hay, pasture.
Aug., 1915. 14 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each wheat middlings, Schumacher Feed, and Unicorn Dairy Ration, 125 lbs. Ajax Flakes, 150 lbs. each corn meal, ground barley, and cottonseed meal, 75 lbs. oil meal; 1.5 lbs. beet pulp, 15 lbs. green ensilage, pasture.
Sept., 1915. 14 lbs. grain daily of the following mixture with .5 lb. cottonseed meal added from 20th to 30th: 300 lbs. bran, 150 lbs. each corn meal, ground oats, ground barley, and cottonseed meal, 125 lbs. Ajax Flakes, 100 lbs. Unicorn Dairy Ration, 50 lbs. gluten, 75 lbs. oil meal; 1 lb. beet pulp, 20 lbs. green corn, pasture.
Oct., 1915. 15 lbs. grain daily, 14 lbs. of the following mixture with 1 lb. cottonseed meal added: 300 lbs. bran, 150 lbs. each corn meal, ground oats, Schumacher Feed, and cottonseed meal, 125 lbs. Ajax Flakes, 100 lbs. Unicorn Dairy Ration, 30 lbs. gluten, 75 lbs. oil meal; 10 lbs. roots, 5 lbs. mixed hay, pasture.

Entry of Additional Record. Previous year's record: 10634.80 lbs. milk; 494.10 lbs. butter fat. Published in Vol. XXIX.

Re-entry 3116 **Rosette's Virginia of Waddington 34832**

Sire Imp. Aimable of France (13739) A. R.
Sire Imp. Galaxy's Sequel (16904) A. R.
Dam On Guernsey Amour des Frances IV. (R. G. A. S. 5208 P. S.).
Dam Rosette of Waddington (22781) A. R. 1494.
Sire Marshall of France (9051) A. R.
Dam Imp. Rosette of the Gron I. (18538) A. R. 1005.
Breeder E. W. Oglebay, Wheeling, W. Va.
Owner E. W. Oglebay, Wheeling, W. Va.
Born Oct. 27, 1910. *Calved* Feb. 19, 1915. *Served* Aug. 27, 1915.
Requirement for admission: 335.90 lbs. butter fat.

Official year's record: 12416.40 lbs. milk; 597.70 lbs. butter fat.
Supervised by West Virginia Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Mar.,	1915,	1405.50 lbs.	4.18 %	58.75 lbs.
Apr.,	"	1317.10 "	4.18 "	55.05 "
May,	"	1365.90 "	4.44 "	60.65 "
June,	"	1175.20 "	4.60 "	54.06 "
July,	"	1104.00 "	4.46 "	49.24 "
Aug.,	"	1018.90 "	4.43 "	45.14 "
Sept.,	"	911.60 "	5.21 "	47.49 "
Oct.,	"	888.00 "	5.41 "	48.04 "
Nov.,	"	825.70 "	5.40 "	44.59 "
Dec.,	"	826.20 "	5.37 "	44.37 "
Jan.,	1916,	818.80 "	5.79 "	47.41 "
Feb.,	"	759.50 "	5.65 "	42.91 "
Total		12416.40 lbs.	4.81 Av. %	597.70 lbs.

Feed

Mar., 1915. 7.5 to 12 lbs. grain daily, 276 lbs. of the following mixture with 31 lbs. bran, 22.5 lbs. ground oats, and 4 lbs. oil meal added: 400 lbs. bran, 250 lbs. Ajax Flakes, 500 lbs. each Homcoline and Unicorn Dairy Ration, 300 lbs. cottonseed meal, 50 lbs. oil meal; 52 lbs. beet pulp, 80 lbs. roots from 1st to 9th, 665 lbs. ensilage, 240 lbs. alfalfa hay.
Apr., 1915. 15.5 lbs. grain daily, 288 lbs. of the following mixture with 32 lbs. bran, 30 lbs. oil meal, 60 lbs. ground oats, and 42.5 lbs. gluten added: 300 lbs. each bran and cottonseed meal, 500 lbs. each Homcoline and Unicorn Dairy Ration, 250 lbs. Ajax Flakes, 50 lbs. oil meal; 60 lbs. beet pulp, 765 lbs. ensilage, 265 lbs. alfalfa hay.
May, 1915. 6.5 to 16 lbs. grain daily, 243 lbs. of the following mixture with 49 lbs. bran, 44.5 lbs. ground oats, 37 lbs. gluten, and 59.5 lbs. oil meal added: 300 lbs. each bran and cottonseed meal, 375 lbs. Ajax Flakes, 500 lbs. each Homcoline and Unicorn Dairy Ration; 62 lbs. beet pulp, 635 lbs. ensilage, 200 lbs. alfalfa hay, and pasture.
June, 1915. 17 lbs. grain daily, 315 lbs. of the following mixture with 30 lbs. bran, 60 lbs. each ground oats and oil meal, and 45 lbs. gluten added: 300 lbs. each bran and cottonseed meal, 500 lbs. each Homcoline and Unicorn Dairy Ration, 250 lbs. Ajax Flakes; 60 lbs. beet pulp, 750 lbs. ensilage, 210 lbs. alfalfa hay, blue grass pasture.
July, 1915. 15.5 to 13.5 lbs. grain daily, 266 lbs. same mixture as given in June with 31 lbs. bran, 54 lbs. each ground oats and oil meal, and 46.5 lbs. gluten added; 62 lbs. beet pulp, 930 lbs. ensilage, 217 lbs. alfalfa hay, blue grass pasture.
Aug., 1915. 13.5 lbs. grain daily, 248 lbs. of the following mixture with 31 lbs. bran, 46.5 lbs. each ground oats, gluten, and oil meal added: 300 lbs. each bran and cottonseed meal, 400 lbs. Homcoline, 500 lbs. Unicorn Dairy Ration, 250 lbs. Ajax Flakes; 46.5 lbs. beet pulp, 930 lbs. ensilage, 248 lbs. alfalfa hay, blue grass pasture.
Sept., 1915. 13.5 to 12.5 lbs. grain daily, 227 lbs. same mixture as given in August with 30 lbs. bran, 45 lbs. each ground oats, gluten, and oil meal added; 45 lbs. beet pulp, 900 lbs. ensilage, 226 lbs. alfalfa hay, pasture.
Oct., 1915. 13 lbs. grain daily, 248 lbs. of the following mixture with 15.5 lbs. bran, 46.5 lbs. each ground oats, gluten, and oil meal added: 400 lbs. bran, 500 lbs. Unicorn Dairy Ration, 300 lbs. each Homcoline and cottonseed meal, 250 lbs. Ajax Flakes; 46.5 lbs. beet pulp, 930 lbs. ensilage, 248 lbs. alfalfa hay, blue grass pasture.
Nov., 1915. 13 to 12 lbs. grain daily, 240 lbs. same mixture as given in October with 24.5 lbs. bran, 16.5 lbs. ground oats, 45 lbs. each gluten and oil meal added; 45 lbs. beet pulp, 450 lbs. roots, 900 lbs. ensilage, 240 lbs. alfalfa hay.
Dec., 1915. 11 lbs. grain daily, 232.5 lbs. of the following mixture with 31 lbs. each bran and oil meal and 46.5 lbs. gluten added: 500 lbs. each bran, Ajax Flakes, and Homcoline, 600 lbs. Unicorn Dairy Ration; 46.5 lbs. beet pulp, 620 lbs. roots, 930 lbs. ensilage, 310 lbs. alfalfa hay.
Jan., 1916. 11 lbs. grain daily, 232.5 lbs. of the following mixture with 31 lbs. each bran and oil meal, and 46.5 lbs. gluten added: 500 lbs. each bran, Ajax Flakes, and Homcoline, 600 lbs. Unicorn Dairy Ration; 46.5 lbs. beet pulp, 620 lbs. roots, 930 lbs. ensilage, 310 lbs. alfalfa hay.
Feb., 1916. 11 to 10.5 lbs. grain daily, 210.5 lbs. of the following mixture with 29 lbs. each bran and oil meal, and 43.5 lbs. gluten added: 500 lbs. bran, 300 lbs. each Homcoline and cottonseed meal, 900 lbs. Unicorn Dairy Ration; 43.5 lbs. beet pulp, 580 lbs. roots, 870 lbs. ensilage, 290 lbs. alfalfa hay.

Entry of Additional Record. Previous year's record: 8040.40 lbs. milk; 412.08 lbs. butter fat. Published in Vol. XXIX.

Re-entry 3128 **Lura Bettina 29725**

Sire Glenwood's Stranford (9386) A. R.
Sire Glenwood Boy of Haddon (4605) A. R.
Dam Stranford's Princess (11740) A. R. 199.
Dam Lura's Last (15728) A. R. 1546.
Sire King Coral (5238) A. R.
Dam Lura (7227).
Breeder Ben Clark, Whitewater, Wis.
Owner E. S. Person, Minot, N. Dak.
Born Sept. 10, 1909. *Calved* Jan. 9, 1915. *Served* July 25, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 14001.20 lbs. milk; 739.58 lbs. butter fat.

(Record from Jan. 11, 1915 to Jan. 10, 1916.)
Supervised under one day test by North Dakota Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	908.40 lbs.	5.41 %	49.14 lbs.
Feb.,	"	1427.90 "	5.06 "	72.25 "
Mar.,	"	1474.20 "	4.68 "	68.99 "
Apr.,	"	1285.70 "	4.80 "	61.71 "
May,	"	1354.80 "	4.76 "	64.49 "
June,	"	1288.10 "	5.34 "	68.78 "
July,	"	1284.20 "	5.49 "	70.50 "
Aug.,	"	1158.40 "	5.52 "	63.94 "
Sept.,	"	998.80 "	5.38 "	53.74 "
Oct.,	"	961.90 "	5.90 "	56.75 "
Nov.,	"	877.80 "	5.51 "	48.37 "
Dec.,	"	783.30 "	6.21 "	48.64 "
Jan.,	1916,	197.70 "	6.21 "	12.28 "
Total		14001.20 lbs.	5.28 Av. %	739.58 lbs.

Feed

Jan., 1915. 8 increased to 12.5 lbs. grain daily of the following mixture: 2 lbs. each bran, ground barley, and oil meal, 4 lbs. ground oats; 25 to 30 lbs. ensilage, corn stover, 10 lbs. alfalfa, prairie hay.
Feb., 1915. 14 to 15 lbs. grain daily same mixture as given in Januray; 32 lbs. ensilage, 8 lbs. alfalfa, 2 lbs. mixed hay.
Mar., 1915. 14 lbs. grain daily same mixture as given in January; 32 lbs. ensilage, 10 lbs. alfalfa hay.
Apr., 1915. 12 lbs. grain daily of the following mixture: 3 lbs. bran, 2 lbs. each ground corn, ground oats, ground barley, and oil meal; 32 to 28 lbs. ensilage, 10 lbs. alfalfa hay, pasture.
May, 1915. 12 lbs. grain daily to the 19th, then 13 lbs., of same mixture as given in April; 18 lbs. ensilage, alfalfa hay and pasture.
June, 1915. 12 lbs. grain daily same mixture as given in April; 15 lbs. ensilage, green feed, hay, and pasture.
July, 1915. 13 lbs. grain daily of the following mixture: 4 lbs. bran, 2 lbs. each ground oats, ground barley, and oil meal; 15 lbs. ensilage, alfalfa hay and pasture.
Aug., 1915. 11 lbs. grain daily to the 12th, then 10 lbs., same mixture as given in July; 20 lbs. ensilage, green corn and alfalfa hay.
Sept., 1915. 10 lbs. grain daily same mixture as given in August; 28 lbs. ensilage, alfalfa hay, corn fodder, and pasture.
Oct., 1915. 11 lbs. daily to the 15th, then 12 lbs., of grain of the following mixture: 2 lbs. each bran and oil meal, 4 lbs. each ground oats and barley, 6 lbs. wheat; 32 lbs. ensilage to the 15th then 35 lbs., alfalfa hay.
Nov., 1915. Same grain ration as given in October; 10 to 30 lbs. roots from 19th to 30th, 35 to 32 lbs. ensilage, alfalfa hay.
Dec., 1915. 11 lbs. grain daily same mixture as given in November to the 20th, then small amounts of same mixture; 30 to 20 lbs. roots and 33 to 25 lbs. ensilage to the 20th, then no roots and small amounts of ensilage, alfalfa hay.
Jan., 1916. 7 to 8 lbs. grain daily same mixture as given in November; 25 to 30 lbs. ensilage, alfalfa hay.

Entry of Additional Record. Previous year's record: 10992.80 lbs. milk; 623.02 lbs. butter fat. Published in Vol. XXIX.

Re-entry 3224 **Glenwood's Buttercup 48137**

Sire Glenwood Bishop (9186) A. R.
Sire Ben Bishop (3506) A. R.
Dam Dorothy Manners of Paxtang (14616) A. R. 165.
Dam Buttercup Lilly (21617) A. R. 3455.
Sire Sir Ford 3d (7363) A. R.
Dam Orange Peel of Riverside (16245).
Breeder S. R. Nissley, Manheim, Pa.
Owner S. R. Nissley, Manheim, Pa.
Born Nov. 6, 1911. *Calved* Mar. 13, 1915. *Served* Aug. 27, 1915.
Requirement for admission: 299.80 lbs. butter fat.

Official year's record: 13728.90 lbs. milk; 769.82 lbs. butter fat.

(Record from Mar. 15, 1915 to Mar. 14, 1916.)
Supervised under one day test by Pennsylvania Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Mar.,	1915,	715.30 lbs.	5.32 %	38.05 lbs.
Apr.,	"	1466.50 "	5.81 "	85.20 "
May,	"	1379.80 "	5.58 "	76.99 "
June,	"	1324.90 "	4.84 "	64.13 "
July,	"	1272.00 "	5.47 "	69.58 "
Aug.,	"	1254.90 "	4.83 "	60.61 "
Sept.,	"	1085.80 "	5.51 "	59.83 "
Oct.,	"	1151.90 "	5.80 "	66.81 "
Nov.,	"	985.60 "	5.95 "	58.64 "
Dec.,	"	997.00 "	5.95 "	59.32 "
Jan.,	1916,	903.10 "	6.02 "	54.37 "
Feb.,	"	823.50 "	6.52 "	53.69 "
Mar.,	"	368.60 "	6.13 "	22.60 "
Total		13728.90 lbs.	5.61 Av. %	769.82 lbs.

Feed

Mar., 1915. 20 qts. grain daily of the following mixture: 100 lbs. each bran, ground oats, and gluten, 50 lbs. each hominy and cottonseed meal, 25 lbs. each corn meal and oil meal, 200 lbs. Distillers' Grains; .5 pt. molasses, 4 qts. beet pulp, ensilage, corn stover, and hay.
Apr., 1915. 20 qts. grain daily of the following mixture: 100 lbs. each bran, ground oats, and gluten, 200 lbs. Distillers' Grains, 50 lbs. hominy, 25 lbs. each cottonseed meal and oil meal; 1.5 pts. molasses, 4 qts. beet pulp, 25 lbs. ensilage, timothy hay.
May, 1915. Same ration as given in April with green alfalfa.
June, 1915. Same ration as given in May.
July, 1915. Same ration as given in May with sweet corn fodder.
Aug., 1915. Same ration as given in July.
Sept., 1915. 20 qts. grain daily of the following mixture from 1st to 20th: 100 lbs. bran, 60 lbs. hominy, 90 lbs. ground oats, 200 lbs. Ajax Flakes, 70 lbs. gluten, 25 lbs. oil meal; sweet corn fodder and ears, alfalfa hay; from 21st to 30th 20 qts. of 100 lbs. each bran, hominy, gluten, cottonseed meal, and oil meal, 200 lbs. each ground oats and Distillers' Grains; .75 qt. molasses, 4 qts. beet pulp, sweet corn fodder and alfalfa hay.
Oct., 1915. Same ration as given last of September.
Nov., 1915. Same ration as given in October.
Dec., 1915. 18 qts. grain daily of the following mixture: 100 lbs. each bran, hominy, cottonseed meal, and oil meal, 200 lbs. ground oats, 250 lbs. Distillers' Grains; alfalfa hay.
Jan., 1916. 18 qts. grain daily of the following mixture: 100 lbs. each bran, hominy, gluten, cottonseed meal, and oil meal, 200 lbs. each ground oats and Distillers' Grains; 1 qt. molasses, 4 qts. beet pulp, 30 lbs. ensilage, alfalfa and mixed hay.
Feb., 1916. Same ration as given in January.
Mar., 1916. 20 qts. grain daily of the same mixture as given in January; 1 qt. molasses, 4 qts. beet pulp, 25 lbs. ensilage, alfalfa and mixed hay.

Entry of Additional Record. Previous year's record: 9603.70 lbs. milk; 518.80 lbs. butter fat. Published in Vol. XXX.

Re-entry 3259 **Rival's Heirloom's Tahoma 34156**

Sire Royal Rival of Easton (11642) A. R.
Sire Imp. Royal Rival (9572) A. R.
Dam Imp. Hayes Rosie 3d (15477).
Dam Heirloom's Tahoma (24329).
Sire Island Heirloom of Glen View (9020).
Dam Tahoma of Hillside Farms (17342).
Breeder Lyman Blair, Greenville, Maine.
Owner Lyman Blair, Greenville, Maine.
Born July 15, 1910. *Calved* Jan. 4, 1915. *Served* Apr. 7, 1915.
Requirement for admission: 340.80 lbs. butter fat.

Official year's record: 6500.60 lbs. milk; 353.67 lbs. butter fat.

(Record from Jan. 5, 1915 to Jan. 4, 1916.)
Supervised by Maine Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	796.60 lbs.	5.88 %	46.84 lbs.
Feb.,	"	903.70 "	4.94 "	44.64 "
Mar.,	"	915.80 "	5.48 "	50.19 "
Apr.,	"	884.50 "	5.14 "	45.46 "
May,	"	872.60 "	5.22 "	45.55 "
June,	"	808.70 "	5.27 "	42.62 "
July,	"	670.40 "	5.93 "	39.75 "
Aug.,	"	418.90 "	6.04 "	25.30 "
Sept.,	"	177.70 "	5.81 "	10.32 "
*Oct.,	"	51.70 "	5.81 "	3.00 "
Nov.,	"	Dry.		
Dec.,	"	Dry.		
Jan.,	1916,	Dry.		
Total		6500.60 lbs.	5.44 Av. %	353.67 lbs.

*Dry 10 days in October.

Feed

Jan., 1915. 5 to 10 lbs. grain daily of the following mixture: 100 lbs. each bran, middlings, and linseed oil meal, 150 lbs. corn meal, 125 lbs. ground oats, 75 lbs. Brewers' Grains, 50 lbs. Ajax Flakes, 7 lbs. salt; 4 lbs. beet pulp, 5 lbs. alfalfa, mixed hay.
Feb., 1915. 10 lbs. grain daily same mixture as given in January; 3 lbs. beet pulp, 1 lb. molasses, 6 lbs. alfalfa, timothy hay.
Mar., 1915. 10 lbs. grain daily of the same mixture as given in January; 3 lbs. beet pulp, 1 lb. molasses, 6 lbs. cut alfalfa, mixed hay.
Apr., 1915. Same grain ration as given in February; 3 lbs. beet pulp, 6 lbs. alfalfa, mixed hay.
May, 1915. 10 lbs. grain daily of the following mixture: 100 lbs. each bran and middlings, 150 lbs. corn meal, 125 lbs. ground oats, 75 lbs. Brewers' Grains, 50 lbs. each Ajax Flakes, gluten, cottonseed meal, and oil meal, 8 lbs. salt; 3 lbs. decreased to 1 lb. beet pulp, 6 lbs. decreased to 3 lbs. alfalfa hay, mixed hay, pasture ½ day after the 20th.
June, 1915. 8.5 to 2 lbs. grain daily of the following mixture with 1 to .5 lb. corn meal added: 100 lbs. each bran and middlings, 150 lbs. corn meal, 125 lbs. ground oats, 50 lbs. each Ajax Flakes, Brewers' Grains, cottonseed meal, and oil meal, 75 lbs. gluten, 7 lbs. salt; hay to the 9th, pasture.
July, 1915. 2 to 2.5 lbs. grain daily to the 23d of the following mixture with .5 lb. corn meal added: 50 lbs. each bran, corn meal, and ground oats, 1.5 lbs. salt; pasture.
Aug., 1915. No grain to the 16th; 1 lb. grain daily from 17th to 31st of the following mixture: 100 lbs. each bran, corn meal, and ground oats, 4.5 lbs. salt; pasture.
Sept., 1915. 2 lbs. grain daily from 1st to 7th of 100 lbs. each bran, corn meal, and ground oats, 4.5 lbs. salt; from 8th to 12th no grain; from 13th to 27th 4 lbs. grain daily, 3 lbs. of same mixture with 1 lb. corn meal added; after 27th 3.5 lbs. of the following mixture: 200 lbs. each bran and corn meal, 50 lbs. each ground oats and linseed meal, 100 lbs. cottonseed meal, 25 lbs. Ajax Flakes, 75 lbs. Brewers' Grains; corn fodder or clover fodder and pasture.
Oct., 1915. 3 lbs. grain daily of the following mixture: 200 lbs. each bran and corn meal, 50 lbs. ground oats, 25 lbs. Ajax Flakes, 75 lbs. each Brewers' Grains and linseed meal, 6.5 lbs. salt; green fodder to the 15th then hay, pasture to 22d.
Nov., 1915. No record given.
Dec., 1915. No record given.
Jan., 1916. No record given.

Entry of Additional Record. Previous year's record: 7299.00 lbs. milk; 390.22 lbs. butter fat. Published in Vol. XXX.

Re-entry 3455 **Buttercup Lilly 21617**

Sire Sir Ford 3d (7363) A. R.
Sire Sir Ford (3440) A. R.
Dam Fern of Franklin (6329).
Dam Orange Peel of Riverside (16245).
Sire Squire Wetherill (5217) A. R.
Dam Zinta of Riverside (10511).
Breeder M. H. Packer, Portlandville, N. Y.
Owner S. R. Nissley, Manheim, Pa.
Born Jan. 3, 1906. *Calved* Feb. 14, 1915. *Served* Aug. 11, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 15144.60 lbs. milk; 744.84 lbs. butter fat.

(Record from Feb. 17, 1915 to Feb. 16, 1916.)
Supervised under one day test by Pennsylvania Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Feb.,	1915,	527.90 lbs.	5.87 %	30.99 lbs.
Mar.,	"	1568.00 "	4.65 "	72.91 "
Apr.,	"	1523.90 "	4.45 "	67.81 "
May,	"	1559.80 "	4.65 "	72.53 "
June,	"	1416.30 "	4.24 "	60.05 "
July,	"	1310.50 "	4.98 "	65.26 "
Aug.,	"	1264.90 "	4.60 "	58.19 "
Sept.,	"	1221.60 "	4.80 "	58.64 "
Oct.,	"	1180.40 "	5.61 "	66.22 "
Nov.,	"	991.70 "	5.26 "	52.16 "
Dec.,	"	1034.70 "	5.58 "	57.74 "
Jan.,	1916,	1045.70 "	5.31 "	55.53 "
Feb.,	"	499.20 "	5.37 "	26.81 "
Total		15144.60 lbs.	4.92 Av. %	744.84 lbs.

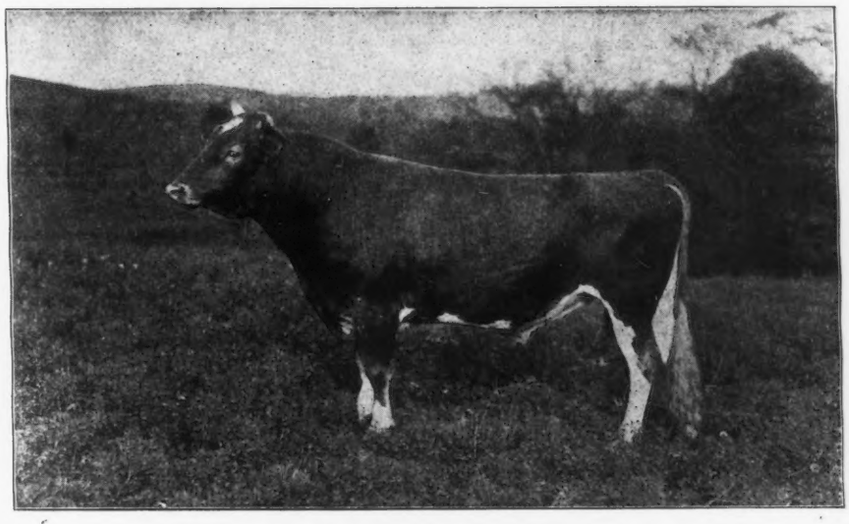
Feed

Feb., 1915. 14 qts. grain daily of the following mixture: 100 lbs. each bran, ground oats, and gluten, 50 lbs. each hominy and cottonseed meal, 25 lbs. each corn meal and oil meal, 200 lbs. Distillers' Grains; .5 pt. molasses, 4 qts. beet pulp, 25 lbs. ensilage, hay.
Mar., 1915. 20 qts. grain daily same mixture as given in February; 1.5 pts. molasses, 4 qts. beet pulp, ensilage, corn stover, and hay.
Apr., 1915. Same ration as given in March.
May, 1915. Same ration as given in March with green alfalfa.
June, 1915. Same ration as given in May.
July, 1915. Same ration as given in May with sweet corn fodder.
Aug., 1915. Same ration as given in July.
Sept., 1915. 20 qts. grain daily from 1st to 20th of the following mixture: 100 lbs. bran, 60 lbs. hominy, 90 lbs. ground oats, 200 lbs. Ajax Flakes, 70 lbs. gluten, 25 lbs. oil meal; 20 qts. from 21st to 30th of the following mixture: 100 lbs. each bran, hominy, gluten, cottonseed meal, and oil meal, 200 lbs. each ground oats and Distillers' Grains; 1.25 qts. molasses, 8 qts. beet pulp, sweet corn fodder and alfalfa hay.
Oct., 1915. Same ration as given in September.
Nov., 1915. Same ration as given in September.
Dec., 1915. Same ration as given in September.
Jan., 1916. Same ration as given in September.
Feb., 1916. Same ration as given in September.

Entry of Additional Record. Previous year's record: 13475.00 lbs. milk; 647.98 lbs. butter fat. Published in Vol. XXX.

"Waddington Farm" Guernseys

OUR HERD SIRE



Imp. Border Raider 22243

IMP. BORDER RAIDER, 22243.

Sire—Imp. Itchen Red Raider (E. G. H. B. 2042.)
Dam—Itchen Verbena (E. G. H. B. 5501). Official Home Test, 13673 milk: 693 fat;
Traces five times to May Rose II. and carries 29.6875 per cent. of her blood.

Our herd numbers about 150 head and includes 30 splendid daughters of the above sire. Type and production are combined to a marked degree in our Guernseys.

Practically all mature cows are in the Advanced Register. Of the official records they have made

20	average	12,291.40	lbs. milk;	589.62	lbs. fat.
43	"	11,013.87	" "	528.00	" "

We offer For Sale good Bull Calves by Imp. Border Raider, out of Advanced Register Dams.

Waddington Farm - Wheeling, W. Va.

I have purchased the Hayes Place herd of Guernsey cattle from Sir Everard Hambro.

The conditions brought on by the war made it possible to bring this famous English herd to America.

They are due to arrive in New York early in June.

The Hayes herd has been bred for type with probably more success than any herd of the breed. Such famous animals as Hayes Rosie, Hayes Cherub, Yeoman, Memento (unbeaten in his class) were purchased from it to bring to America. While, for years, in the English show ring milk trials, this herd has been recognized as heavy milkers.

The importation will include the entire Hayes Estate herd and it has representatives of all the famous families of that herd, including several of the Rose des Houards, the Snowdrops, the Hayes Olive, Hayes Felois, Hayes Citron, Hayes Lily du Preels, Hayes Cherry—between fifty and sixty great individuals of the choicest breeding.

I will not be able to increase my present herd and I will keep but one of the families for an addition to my foundation blood.

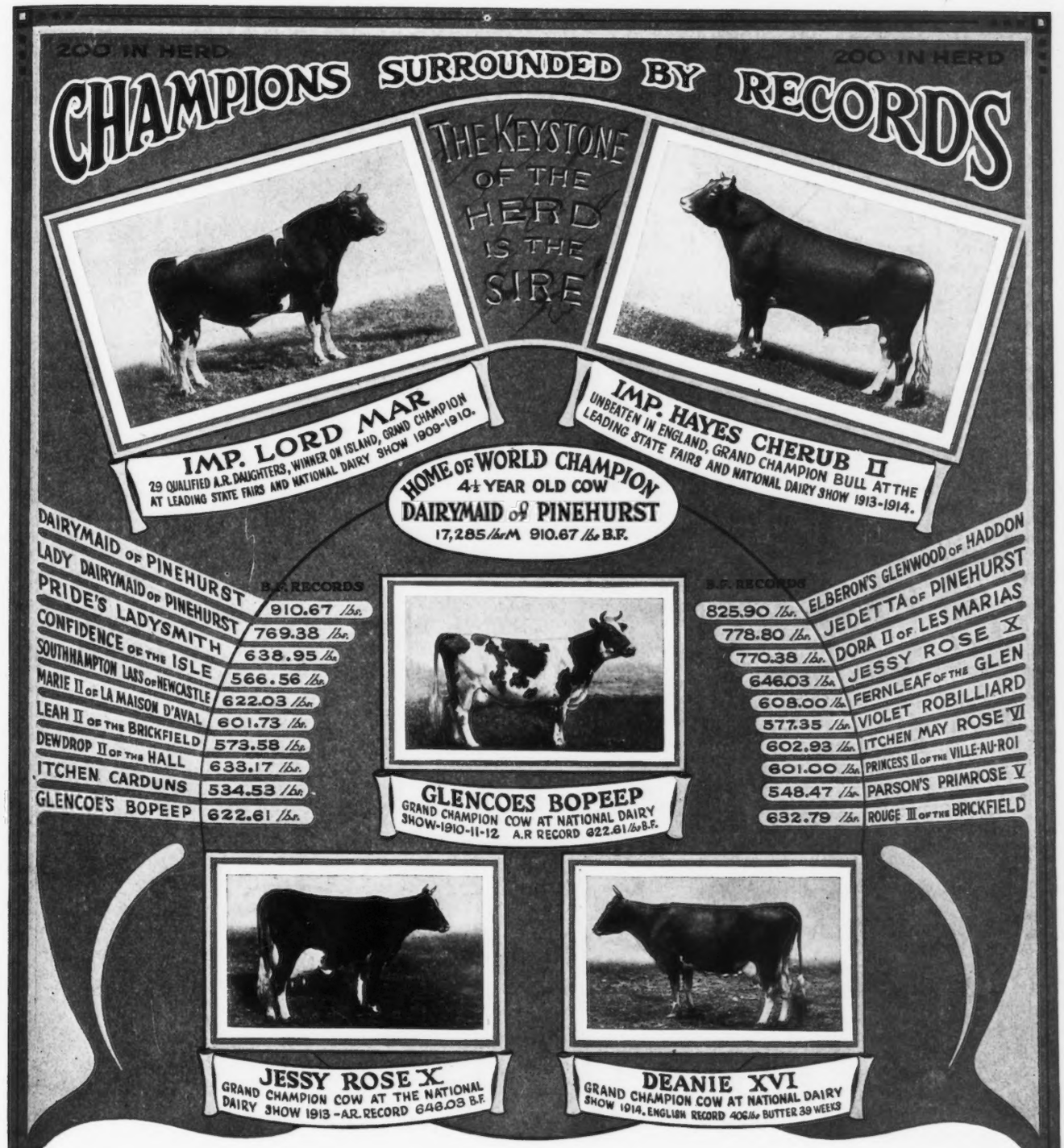
THE OTHER FAMILES WILL BE SOLD

It is the opportunity *since Guernseys have been imported to America, to take on and continue a great and famous herd.*

For particulars, address

WILBUR W. MARSH

WATERLOO, IOWA



SPECIAL OFFER. Nonpareil's Blossom 37538, dropped February 2d, 1916. Very attractive bull, deep conformation, nicely marked. Dam—Imp. Itchen Pine Blossom I. 40312, two year A. R. record 440 lbs. fat. Re-entry now running and bids fair for 600 lbs. Two May Rose crosses. Sire—best Glenwood—Dairymaid—Nonpareil whose dam, Elberon's Glenwood of Haddon, produced 825.9 lbs. fat. Her two year old daughter just finished with 644 lbs. fat. Granddam, 910 lbs. fat.

Write for Prices and Pedigree

W. W. MARSH. WATERLOO, IOWA.

Transfers of Guernsey Cattle From June 10th to June 24th, 1916.

BULLS.

Addison of Glennfield Springs 35444—Breed & McKane to G. M. D. King, Ludlowville, N. Y.
Admiral Jellico 38482—Charles Hawthorne to W. Bazett, Maple Bay, B. C.
Alert Weshpi 35658—Frank W. Richardson to Robert Steger, Lansing, Iowa.
Alfalfa King 35454—G. B. Helmuth to Charles Barnes, Millersburg, Ohio.
Alfred Weshpi 35660—Frank W. Richardson to Frank E. & C. W. Watts, Mankato, Minn.
Annette's Governor of Woodend 25400—T. C. Norman to M. B. Hart, Lake Crystal, Minn.
Annette's Togo 35491—Charles M. Whitcomb to Ellery Wilbur, Eastbrook, Maine.
Art Weshpi 35662—Frank W. Richardson to M. Lysbakken, High Landing, Minn.
Asterick Lincoln 25092 (Imp.)—University of Nebraska to Sam Knori, Harrison, Nebraska.
Atolla's King of Lake Farm 37935—Charles W. Curtis to Charles E. Nichols, Marlboro, Mass.
Avon-Vale's Rose-Noble 36730—C. L. Whiting to F. G. Benham, Canandaigua, N. Y.
Badger B. 38538—John F. Bloom to Peter J. Ecker, Chilton, Wis.
Barometer's King of Anna Dean Farm 34563—O. C. Barber to L. Scott Fuller, Jefferson, N. Y.
Barras Raider of Waddington 38492—E. W. Oglebay to S. L. Tone, Canonsburg, Pa.
Bates Raymond 35193—Sheldon S. Young to Porter Wilson, West Sunbury, Pa.
Beatrice's Noble Squire 34348—Albert C. Loring to E. J. Longyear, Excelsior, Minn.
Beauty's Glenwood Boy of Elm Terrace 32408—Dell Danks to Huffman & Johnson, Stoughton, Wis.
Beauty's Jester 38543—Wallace Turner to Clough Bros., Peru, N. Y.
Beda's May King 11893—Delaware College to G. G. Hartley, Duluth, Minn.
Beda's May King Kiluna 35775—Ralph Pulitzer to Mrs. E. P. Hiller, Old Westbury, N. Y.
Beirnetown Hero 24150—Clark E. Kitchen to Bert H. Carter, Rocky Ford, Colo.
Belle's Bonnie Jewel 38520—T. P. Davis to C. C. Ogden, Bridgeton, N. J.
Betty's Sequel of Spring Farm 36079—V. C. Miller to The Portage Country Improvement Association, Ravenna, Ohio.
Beulah's 3d's Glendett 29847—H. G. Lueders to G. S. Eichmiller, Hector, Minn.
Billy of Rural Home 36950—C. C. Stansberger to N. L. & W. J. Royer, Orrville, Ohio.
Blanche's King of Rock 31378—John Hetts to George D. Telfer, Fort Atkinson, Wis.
Bloomfield's Earl of Walnut Avenue 34322—W. T. Andrews to Willis Clever, Bellville, Ohio.
Bloom L. 35299—Ray D. Levan to Ernest Wheeler, Marietta, .N Y.
Bob of Grandview 27386—Otto C. Konrad to Henry Mathiason, Sawyer, Wis.
Bobs of Roughwood 37382—Ernest B. Dane to The Massachusetts Hospital School, Canton, Mass.
Bonita's Triumph 38514—L. S. Murat to Ole C. Lea and George Norby, Iola, Wis.
Boy of Thorn Hill 35760—August Ziesing to Thomas Smith, Saint Joseph, Mich.
Buster of West Side 22945—Grant Smith to Oscar Barrie, Viola, Wis.
Buster's Prince 38549—William Welte to C. Nordlin, Bigfork, Minn.
Buttercup's Clairvoyante 32970—Charles O. Govin to L. A. Govin, Menomonie, Wis.
Butter Scotchman 37458—Alice S. Knudson to W. F. Wiechman, Brliot, Wis.
Butterwick's Golden Secret 33874—E. H. Kiesling to Herman Schlesner, Johnson Creek, Wis.
Calypso's Brilliant Golden Dew 36844—John T. Whalley to Philip Steiner, Oregon, City, Oregon.
Calypso' Sonsie's Sequel 35693—John T. Whalley to J. M. Harrison, Pendleton, Oregon.
Carlton Sequel 38522—J. E. Jones to A. G. Webb and Son, Oxford, N. Y.
Cedric of Bon Ayre 37153—H. W. Wigman to M. J. Barber, Silver Springs, N. Y.
Charlie's Prince of Cedar Lane 38525—J. S. Yoder to Justus Phillips, Cameron, W. Va.
Chief of Sarnia 23128— (Imp.)—Herman Voss to William Leffler, Mount Hope, Wis
Chieftain of Tarbell Farms 34721—Gage E. Tarbell to A. E. Doyle, Farnham, N. Y.
Christie's Golden Boy 38509—E. S. Van Kirk to William Cobb, Spirng Mills, N. Y.
Chronicler 2d 33632—Leon J. Delahaut to Alfred I. Stubbs, West Salem, Wis.
Clatford Prince of Manomet 37177—Charles A. Stone to Edwin S. Webster, Chestnut Hill, Mass.
Coralily's Prince 36162—Frank Koenen to E. E. Swanson, Enfield, Minn.
Corporal of Sarnia 24455 (Imp.)—Andrew Mihalak to Joe Harris, Medford, Wis.
Crystal Hillside 37951—Thos. H. Evans to William M. Jones, Waukesha, Wis.
Crystal Prince of Bailey Falls 38470—Bailey Falls Farm to Ernest Garling, Bloomington, Ill.
Della's King of Clovernook 35521—August Stauske to John Hasa, Grafton, Wis.
Delphas's Glenwood 37500—R. V. Montgomery & Son to Newton Hauger, Cameron, eron, Mo.
Diana's Souvenir of Keewaydin 36472—E. H. Baker to Denton Mason, McClure, Ohio.
Dora Belle's May King 34603—H. W. Wigman to Amos Schmucker, Stryker, Ohio.
Dorothy of Clovermead's Rex 35565—Henry Bandli to H. D. Ward & Paul Lawin, Solon Springs, Wis.
Douga's Benton 33688—J. D. McAllister to C. J. Coon and Patrick Raddy, Woodruff, Wis.
Duchess's Bernardo 29910—Leon J. Delahaut to Alfred I. Stubbs. West Salem, Wis.
Duke of Penobscot 33182—E. E. Gross to J. G. Leach, North Penobscot, Maine.
Du Port's Chantecler 23535—Rundell & Nicholson to Charles Rundell, Livingston, Wis.
Earl Lornadee 31539—S. L. Dudley to A. J. Quist, Nicolett, Minn.
Edemede's Rosewood 36690—George B. Gilman to Henry L. Jones, Cambria, Wis.
Edna May's Goldseeker 30012—O. C. Barber to W. A. Shofer, Hamilton, Ohio.
Elderon's Tommy Boy 35962—A. J. Plowman to Richard Doyle, Custer, Wis.
Ellenwood Gold Dust King 28856—G. B. Helmuth to G. Williamson, Bellefontaine, Ohio.
Elm Road Otto 35227—C. E. Tobey to J. M. Byers, Rockhill, S. C.
Elm Row May King 28032—C. H. Broxholm to B. H. Smith, Jackson, Mich.
Elsie Glenwood's Premier 35787—Helmuth & Raber to I. W. Schieber, Bucyrus, Ohio.
Elsie's King of Glenburnie 38397—James E. Russell, to E. C. Converse, Greenwich, Conn.
Elm Row May King 28032—C. H. Broxholm to B. H. Smith, Jackson, Mich.
Elsie Glenwood's Premier 35787—Helmuth & Raber to I. W. Schieber, Bucyrus, Ohio.
Elsie's King of Glenburnie 38397—James E. Russell, to E. C. Converse, Greenwich, Conn.
Eminette's King of Tarbell Farms 38542—Gage E. Tarbell to Fred E. Barr & George A. Havens, Afton, N. Y.
Emperor of Maple Grove 2d 37920—Charles A. Wussow to Louis Oesau, Chilton, Wis.
Fanny's Pride's Chronicler 33631—Leon J. Delahaut to Jim Van Patter, Glen Flora, Wis.
Fern Ridge Picture 23011—A. W. Uridge to H. W. Moergeli, Chowchilla, Calif.
Florham Venture 37854—J. L. Hope to Francis Shaw, Wayland, Mass.
Forester of Longview 35830—C. H. Stevens to G. B. Hubbard, East Burke, Vt.
France's Glenwood of Fariview 36043—Charles H. Foote to K. S. Field, Ferrisburg, Vt.
Frederick of Overland Farm 38489—C. F. Holmes to E. J. Dearing, Bavaria, Kansas.
Frederick Rex 38532—J. M. Harvey to H. R. Lobdell & C. W. Blott, Mukwonago, Wis.
Fred Hanks 33382—August Toepfer to Lilly Bros., Madison, Wis.
Frenchman of Maplelawn 34892—F. B. Rundell & R. Nicholson to Ernest Chushman, Livingston, Wis.
Friendship La Croisee 31787 (Imp.)—Jean DuLuth Farm, Inc., to Jens Gregerson, Askov, Minn.
Galaxy of the Owl's Nest 28634—A. S. Bell to James Steward, Valley Grove, West Virginia.
Gay's Marion 35279—Milton Wallace to William Battershell, Alliance, Ohio.
George Washington of Velora 38447—Est. P. B. Housekeeper to T. H. Harlan, Elkton, Md.
Geraldine's Galaxy 31616—Est. Myron C. Wick to L. W. Seafert, Hubbard, Ohio.
Ginger of Nappanee 38505—C. L. Ressler to Samuel Chupp, Nappanee, Ind.
Gladys's Boy 26891—C. N. Dodge to A. C. Dunham, Newington, Conn.
Gleaner of Koshkonong Place 36380—A. R. Hoard to N. A. Brunsvold, Orfordville, Wis.
Glen Lady's Treasure 38508—George R. Thompson to J. H. McMurray, Oakdale, Pa.
Glen's Kitchener Boy of Alta Vista 19288—W. L. Bentley to H. L. Carl, Hubbard, Oregon.
Glenwood Beauty Boy 33375—Allie S. Knudson to A. P. Bean, William Ehlert & P. F. Bean, Vesper, Wis.
Glenwood's Main Stay 35th 22555—E. C. Moore to Thomas M. Tice, Deerfield, N. J.
Glenwood's Main Stay 35th 22555—Thomas M. Tice to S. C. Tremaine, Bridgeton, N. J.
Glenwood's Main Stay 35th 22555—S. C. Tremain to E. T. Gill, Haddonfield, N. J.
Glenwood's Main Stay of Kelvin Grove 27331—Helmuth & Raber to J. C. Schuler, Millersburg, Ohio.
Godolphin Hero of Tod Farm 29521—David Tod to Est. Myron C. Wick, Youngstown, Ohio.
Godolphin Hero of Tod Farm 29521—Est. Myron C. Wick to H. H. Crocker, Thompson, Ohio.
Gold Dust Prince 34568—G. B. Helmuth to P. J. Amstutz, Kidron, Ohio.
Gold Dust's May King 3d 32947—Mrs. M. B. Lee to A. H. Burdick, Tomah, Wis.
Golden Noble's Raymond of Waddington 38495—E. W. Oglebay to C. A. Sherwood, Hilliard, Ohio.
Gold Thistle of Kinderhook 38401—Alfred T. Ogden to J. E. Van Alstyne, Kinderhook, N. Y.
Governor Chene of Wilderwood 34254—J. Cyrus Ott, to Oswald Baaken, Albert Lea, Minn.
Governor C. of Elmwood 38530—Marvin Mills to A. W. Colburn, Kilbourn, Wis.
Governor Hercules 36669—Albert C. Loring to Hermann Mueller, Hamburg, Minn.
Governor of Menomonie Guernsey Farm 33877—Charles O. Govin to L. A. Govin, Menomonie, Wis.
Governor of Newfield 28852 (Imp.)—E. S. Van Kirk to B. R. Udall, Branch, Vermont.
Gussie's Lord of Riverside 38516—Willis Hall & Son to H. D. McGuire, Londonville, Ohio.
Hay-bale of the Glen 24858—Ernst E. Lehmann to Frank Reed Sanders, Mesa, Ariz.
Hayes Wena 3d's Showme 32554—Leon J. Delahaut to Alfred I. Stubbs, West Salem, Wis.
Huntsman of Ewing 38547—F. W. Roebling to Calvin M. Hunt, Trenton, N. J.
Ida's Governor 35390—John C. Higgins to George D. Crosslands, Mount Pleasant, Delaware.
Imp. to Koshkonong Place 34345—A. R. Hoard to Henry & Anderson, Beecher City, Ill.
Jack Rilma 36337—Allie S. Knudson to A. P. Bean, Vesper, Wis.
Jeanette's Joker 24700—D. Howard Birdsey to George C. Hall, Meridan, Conn.
Jerry of Homestead 35555—W. G. Jamison to Fred Sweningtion, Peshtigo, Wis.
Jess of Avonlea 24962—Ira McJunkin to Louis E. Kramer, Butler, Pa.
Joe Cass 18576—George T. Vorland to Elias Bolstad, Colfax, Wis.
Joyce's Hero 34785—J. W. Bullock to George H. Prindle, Williamstown, Mass.
Joy of Home's Julian 30188—G. G. Hartley to Cass County Guernsey Breeders' Association, Pine River, Minn.
Katonah's Butterball 30528—Clarence Whitman to Jean DuLuth Farm, Inc., Duluth, Minn.
Katonah's Puritan 29639—Clarence Whitman to Jean DuLuth, Farm Inc., Duluth, Minn.
Katonah's Rex 35480—Jean DuLuth Farm ,Inc., to Frank Conder, Abercrombie, N. Dak.
Kelly 38487—William Lehmann to Paul O. Lehmann, Athens, Wis.
King George of Pine Acre 37013—Miss Katherine Morse to Est. W. F. Eastman, North Haverhill, N. H.
King Joe 23272—O. W. Barrett to L. E. Ruskell, Rockham, S. Dak.
King Sequel of Green Bay 32553—Leon J. Delahaut to Alfred I. Stubbs, West Salem, Wis.
King Starr 37752—A. W. Starr to J. F. P. McGinley, Chicora, Pa.
Knight of Lone Pine 38197—Walter Alexander to G. A. Glass, Wausau, Wis.

TRANSFERS OF GUERNSEY CATTLE

Lady Mary's Joe of Brookside 38507—R. A. Naginey to R. H. Morrison, Burghill, Ohio.
Lady's Pilot of Center Grove 29737—L. H. Davies to A. A. Dahle, Barron, Wis.
Langwater Royal 11th 27581—M. T. Phillips to T. S. Irwin, Christiana, Pa.
Laurens Boy 33599—Fred Webster to Arthur Shafer, Breakabeen, N. Y.
Lawton Chief 35773—E. P. Bjerkeng to Charles A. Baarley, Ellsworth, Wis.
Lightning Bob 25247—John May to John K. May, Quincy, Wis.
Lilie's Douglas of Hollyhock Farm 33927—Gustave Pabst to Schlosser Bros., Plymouth, Indiana.
Lola's Boy 35138—Robert Klemm to Louis Haese, Interwald, Wis.
Lord Culpeper's Glenwood 37782—E. T. Gill to Frank I. Irvine, Culpeper, Va.
Lord Glencoe of Oak Hill 38472—J. Amory Haskell to J. M. Montgomery, Milford, Pa.
Lucius of Birchwood 32285—M. L. Welles to R. W. Jenkyns, Hamilton, Wis.
Luella's Monarch 24936—W. A. Hollaway to W. E. Bade, Merrill, Wis.
Lynden Boy 27113—Frank C. Johnson to G. F. Urfer, Lynden, Wash.
McKerrow's Carlottsa's King 36167—George McKerrow & Sons Co. to M. H. Chapin & Fred Lany, Manawa, Wis.
McKerrow's Gay Governor 34682—George McKerrow & Sons Co. to R. C. McGregor, Stillwater, Minn.
Maggie's Prince 38471—W. H. Wauser to J. H. Repp, Snohomish, Wash.
Major Nicollet 38405—Frank Koenen to E. E. Gleason and Son, Nicollet, Minn.
Manoa's Star of Clover Meadow 30856—F. E. Daniels to John Powers, Fort Atkinson, Wis.
Maple Crest Yeksa Lad 35771—O .R. Frauenheim to John P. Wagner, West Bend, Wis.
Maplelawn Boy 31023 (Imp.)—F. B. Rundell & R. Nicholson to E. A. Meuer, Lancaster, Wis.
Maplewood Glenwood's Bonnie Boy 36284—G. G. McCausland to F. Thomas Kidder, Woodstock, Vermont.
Mark of Koshkonong Place 34344—A. R. Hoard to Robert Bundy, Thompsonville, Ill.
Marshall's Glenwood Boy of Haddon 37570—E. T. Gill to Charles E. Patton, Philadelphia, Pa.
Martha's King 36667—Albert C. Loring to Henry Cordes, Henning, Minn.
Masher's Billy Sunday 36686—Dornes & Kammuller to W. L. & J. T. Bennett, Mount Morrison, Colo.
Masher's Duke of Beaver Brook 32171—H. W. Wigman to Detroit Creamery Co., Mount Clemens, Mich.
Masher's Duke of Farview 33558—Reade Manroe to James W. & George F. Ball, Warwick, N. Y.
Masher's Sequel of Barrymoor 23996—C. F. Holmes to Edward Kennedy, Hamilton, Mo.
May King of Linda Vista 17946—Jean DuLuth Farm, Inc., to A. L. Lincoln, Norwell, Mass., and C. W. Barron, Cohasset, Mass.
May King's Masher of Chilmark 32069—Ivan Steiner to W. M. Crall & B. E. Pugh, Mansfield, Ohio.
May's Pride of Windermere 37208—J. K. Blatchford to John Kobmann, Grand Junction, Mich.
Mervin of Birchwood 35249—M. L. Welles to H. D. Barker, Brandon, Wis.
Middledale General 31574—Calkins & Riggs to C. W. Hansen, Springfield, Ore.
Miguel Ahumada of Woodbine 38539—John P. Ramsey to A. M. Baker, Springfield, Vt.
Mildred's Governor of Keewaydin 36470—E. H. Baker to A. C. Ramseyer, Smithville, Ohio.
Miranda's Mascot 37452—Ernest E. Lehmann to Frank Reed Sanders, Mesa, Ariz.
Mixter Harvester of Bon Ayre 37110—H. W. Wigman to G. W. Dickinson, Detroit, Mich.
Mixter's King of the May 38438—Estate George Mixter to C. W. Persons, Delevan, N. Y.
Moon King of Anna Dean Farm 37837—O. C. Barber to Ferd Reiber, Butler, Pa.
Mosella's Yeksa of Overlook 37992—E. Schweizer to William E. Hoy, Mount Healthy, Ohio.
Moses Sequel 38473—Kenneth B. Pope to Louis D. Morrill, Canterbury, N. H.
Moss Raider's Golden Boy 33882—C. F. Holmes to Phil R. Toll, Kansas City, Mo.
Nelson of Menomonie Guernsey Farm 33876—Charles O. Govin to Paul Hamon & C. A. Rick, Boyceville, Wis.
Nerio of The Forges 29517—R. G. Harwood to E. L. Gillett, Westfield, Mass.
Nora's King Rose of Bayside 38101—Henry C. Everett to Charles Spring, Winsted Conn.
Normande's Sultan of Green View 38556—Harry Leppla to Peter Shallow, Oconto, Wis.
Oliver of the Oaks Farm 36689—C. B. Thatcher to Alfred Nelson, Clear Lake, Wis.
Oratorio 34012—Helendale Farms to O. H. Giles, Marshfield, Wis.
Oscar of Lyndale 37846—J. L. Lindgren to H. Utermarck, Wadena, Minn.
Ottawa's Bonnie Boy 28152—E. E. Brewer to Jacob Cooper, Grand Rapids, Mich.
Overland's Royal Governor 27603—C. F. Hol mes to T. J. May, Webb City, Mo.
Paddy's Gold Boy 38468—J. M. Williams to J. W. Laird, Ansonia, Ohio.
Paget of Homestead 31814—W. G. Jamison to Louis J. Klemm, New London, Wis.
Pat Rilma 37246—Allic S. Knudson to C. M. Olstead, Edgerton, Wis.
Pauline's Last 33855—F. E. Daniels to George H. Benson, Cambridge, Wis.
Paxtang of Wilruss 13594—Brown Bros. Lumber Co. to B. L. Horr, Rhinelander, Wis.
Pergue's Dean 33508—Sass Bros. to Illinois Central R. R. Co., Chicago, Ill.
Pergue's Dean Prince 33970—Sass Bros., to Illinois Central R. R. Co., Chicago, Ill.
Pergue's Ray Blossom 33329—Sass Bros., to George L. Beevan, Danvers, Ill.
Pergue's Rival 38469—Sass Bros. to Lewis D. and D. C. Yutzy, Arthur, Ill.
Perplexity May King 38407—John S. Hyde to W. S. Newell, Bath, Maine.
Peter of Frankland 32400—H. W. Wigman to Charles Munger, Otisville, Mich.
Pierre of Cunningham Farm 38497—M. C. Cunningham to Ammon S. Graybill, Bird-in-Hand, Pa.
Pine Grove's Sequel 38480—M. H. Packer to Seeber Bates, Westville, N. Y.
Polly's May King 31468—Frank A. Hotchkiss to J. P. O'Hara, Moravia, N. Y.
Pride of Lone Pine 38196—Walter Alexander to William F. Voelz, Tilleda, Wis.
Pride's Boy of Chestnut Ridge 36292—John R. Loomis, Jr., to Daniel B. Lewis, Glens Falls, N. Y.
Pride's Star of Pleasant View 31423—Charles Schmidt to Willaim Eiler, De Pere, Wis.
Primrose's Buster of Pleasant View 31421—Charles Schmidt to George Morson, Green Bay, Wis.
Primrose's Pride of Beaver Ridge 38488—Henry W. Howe to C. W. Persons, Delevan, N. Y.
Prince Auken of Hawthorne Lodge 36565—Henry J. Karpinski, to C. W. Persons, Delevan, N. Y.
Prince of Elmhurst 38521—O. B. Wilbur to Dennis Donovan, Valley Falls, N. Y.
Prince of Valevue 32328—N. D. Scheetz to Oliver B. Burger, Baltic, Ohio.
Prince Paris 16726—C. Christensen to The University of Wisconsin, Madison, Wis.
Prince Ray of Yellowdale 23839—Christian, Shrimp & Shearhart to F. G. Eberhart, Mishawaka, Indiana.
Queen's Lad of Fairlee 38479—M. W. Perry to Melvin Oleson, Clay Banks, Wis.
Queen's Nelson 32968—Charles O. Govin to L. A. Govin, Menomonie, Wis.
Queen's Prince of Glenwood 38410—Morningside Farm to W. L. Ball, Cadillac, Mich.
Quintilla's Seba Boy 35432—Wilson Matthews to John L. Allen, West Austintown, Ohio.
Ragna Glenwood's King 33100—Allic S. Knudson to Gust Hanson, Beloit, Wis.
Ragna's Glenwood Boy 34586—Allic S. Knudson to Casper Berg, Orfordville, Wis.
Range Light of Shady Nook 26158—C. E. Lambert to Abe S. Bautrager, Midland, Mich.
Rastus of Bailey Falls 26273—Bailey Falls Farm to A. G. Black, Mapleton, Ill.
Raymond's Boy of Homestead 27822—Harry Leppla to George Ceryeng & Sons, Oconto Falls, Wis.
Raymond's Gay Lad 38524—D. N. App to Daniel P. Ream, Aaronsburg, Pa.
Redina Bay's Masher 36445—J. S. Elwood to William Winne, Worcester, N. Y.
Reedy of Anna Dean Farm 30051—(Imp.)—O. C. Barber to Nels Jacobson, Lynden, Wash.
Rex of Fairfield Farm 28418—Est. Wolcott H. Johnson to Maxwell Norman, Hamilton, Mass.
Rich's Edemede 36691—George B. Gilman to L. S. Sevold, Rolette, N. Dak.
Rival's Governor Chene of Chilmark 32070—Ivan Steiner to Isaac I. Whipp, Burlington, W. Va.
Robert's Boy of Walnut Hall 38481—Louis S. Cox to Harry Burgoyne, Donerail, Ky.
Robin's Squire of Keewaydin 36471—E. H. Baker to A. C. Ramseyer, Smithville, Ohio.
Rob of Butternut Hill 36332—John Ebels to W. D. Seffens, Ovid, Mich.
Rob Roy of Bon Ayre 36630—H. W. Wigman to George Starkey, Republic, Mich.
Roseheath's Duke 35829—Village Farms to C. A. Dunkelberg, Fort Wayne, Ind.
Roseheath's Duke 35829—C. A. Dunkelberg to Henry M. Neely, Redkey, Ind.
Rose's Glenwood of Spring Brook 38379—W. D. Pattee to Edgar Hazen, Waupun, Wis.
Rosie's Jewel of Elmview 33084—Benjamin H. Throop to Joshua L. Gisriel, White Hall, Md.
Royal Duke of Pleasant View Farm 34053—John Breeggemann to Emil Beckrich, Shakopee, Minn.
Royal Perfection's Echo 33591—Fred B. Wheeler to A. M. Goddard, West Albany, Vt.
Roy's Echo of Thornliebank 33233—W. J. Kingsland to Hayden W. Wagher, Campbell, Hall, N. Y.
Rufus of City View 32291—O. R. Schwalen to G. C. Batten, Hudson, Wis.
Rulon of Wasteland 37024—M. M. Hollingsworth to Moses Eaby, Landenberg, Pa.
Saint Raymond 35088—J. R. Hay & Son to L. E. Barnes, Camptown, Pa.
Scott Farm Charmante Lad 38546—Frederick Holbrook to W. E. Taylor, West Brattleboro, Vt.
Scott Farm Legion Lad 38545—Frederick Holbrook to E. L. Welcome, West Chesterfield, N. H.
Sequel of Bigger Farm 38517—A. S. Rosell & Son to C. F. Shank & Son, Dayton, Ohio.
Sequel's Glenwood 33457—Richard Einfeldt to William Buchanan, Arpin, Wis.
Sequel's Governor of Oakhurst 19572—Chas. E. Kirby to Louis J. Quell, Monroe, Mich.
Sherwood of Bercado Farm 37974—F. G. Eberhart to Christian & Shimp, Granger, Indiana.
Silver Bell's Sequel of the Glen 30294—Ernest E. Lehmann to Frank Reed Sanders, Mesa, Ariz.
Silver King of Louis Corners 38526—F. F. Thielke to Herman Stueven, New Holstein, Wis.
Silver Lake's May King 38506—Est. D. Willis James to George W. Jenkins, Morristown, N. J.
Sir Galaxy's Boy 36394—S. L. Dudley to John A. Yoder, Kalona, Iowa.
Sir Ford of Hickory Gotove 38554—Glenn Clark to Miller J. Reed, Argos, Ind.
Sir King of Meadowbrook 37565—W. H. Hovener, to Julius Tetzlaff, Grafton, Wis.
Sir Tony of Lakeview 34093—Mrs. Irene Ellis Kimberly to S. L. Hill, McGregor, Minn.
Snowball Willard 36385—E. J. Czamauske to William Patrick, Randolph ,Wis.
Snowdrop Lemon King 37701—Julius Marten to Roy Perry, & Frank Turney, Eau Claire, Wis.
Solomon of Haviem 36741—Emory C. Meltz to Arthur A. Lyle, Oconto, Wis.
Sound Avenue Boy 38523—Valentine Schenck to Howard A. Wells, Riverhead, N. Y.
Squaw's Rilma of Sugar River 38501—Allic S. Knudson to F. O. Uehling & Son, Janesville, Wis.
Sterling Lad of Harwood Farm 38544—Richard G. Harwood to S. H. Waters, Sterling, Mass.
Stonlea of Stonlea Farm 38490—H. W. F. Graham to William Watson, Renfrew, Pa.
Sue's Masher Glenwood Boy 32169—Dell Danks to Terwilliger, Bros., Oregon, Wis.
Surprise of Orchard Springs 28924—Emmet Steiner to Bert Weygandt, Marshallville, Ohio.
Teddy R. of Chelsea 37010—Imback Bros., to Fred Widmer. Medford, Wis.
Tertius of Elmwood 34689—A. W. Griswold to John E. Trevethick, Vershire, Vt.
The Pony Farm Mike's Sequel 38504—M. G. Keenan to F. L. Hotaling, Oneonta, N. Y.
Thornliebank's Secret 38552—Burdette P. Craig to John G. Gray, Liberty, N. Y.
Tim's Lad 34590—M. F. Whithed to W. E. Wheeler, Halifax, Vt.
Token's Masher 32658—John Boudnik to Henry Glander, Algoma, Wis.
Token's Sammy 38491—John Boudnik to John Schreiner, Chelsea, Wis.
Tom Buoy of City View 34949—O. R. Schwalen to F. R. Coit, Hudson, Wis.
Top Gallant's King 38536—J. M. Neill to G. J. Hanna, Canonsburg, Pa.
Top Gallant's Prince 38537—J. M Neill to R. M. Donaldson, Midway, Pa.
Topsy's Gay Lad 32966—Charles O. Govin to Waterman Ehrhard Co., Menomonie, Wis.
Trowbridge Combination 33079—M. M. Hollingsworth to Joseph Murry, Mount Airy, Md.
Tucker's Defencer 36245—J. H. Hampshire to J. L. Sonner, Delaware, Ohio.
Ulrica's Hustler of Meadowview 28468—Albert R. Longfellow to Sam Tedford, Fort Ripley, Minn.
Unison of Millgrove 38558—S. L. Woodward to J. P. Tarr, Elizabeth, Pa.
Unison's Butter Boy of Millgrove 38559—S. L. Woodward to David L. Hunter, West Newton, Pa.
Waddington Noble Majesty 38496—E. W. Oglebay to G. W. Bonar, Short Creek, W. Va.
Walley of City View 37938—O. R. Schwalen to Guy M. Rieth, Goshen, Ind.
Wellsmere of Linwood 25197—Glenn Clark to G. W. Shingledecker, Hartford Mich.
Willow's Prince Glen 37338—Augustine & Kyer to J. W. Kahle, Seattle, Wash.
Woodlawn's Matt 38467—Shook Bros. to Patton, Temple, Williamson & Garrett, Danville, Va.
Woodrow Dewey 25732—Charles S. Bartges to W. B. Crebs, Millheim, Pa.
Woodrow's Victor 37160—Charles S. Bartges to W. B. Crebs, Millheim, Pa.
Wyandanch of Westbury 22900—Est. C. A. Jamison to John W. Scott, Appomattox, Va.
Yeksa's Bonny Lad 38483—F. M. Lewis to V. E. Ashbaugh, Emlenton, Pa.

TRANSFERS OF GUERNSEY CATTLE

COWS.

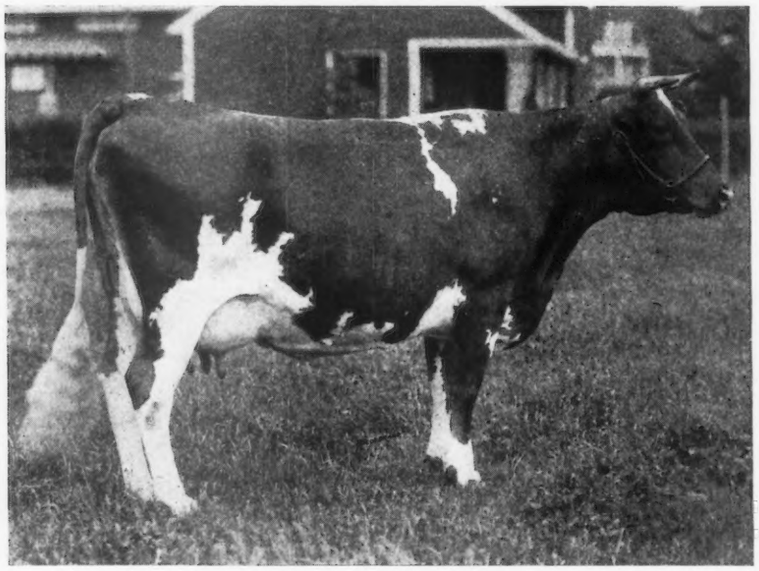
Ada Glenwood 44524—A. J. Snyder to B. E. Totten, Farmdale, Ohio.
Ada Glenwood 44524—B. E. Totten to F. C. Weir, Cortland, Ohio.
Alexandra's Primrose of Beaver Brook 55961—H. W. Wigman to G. W. Dickinson, Detroit, Mich.
Alice Lindenwood 47833—George T. Brill to Elmer Kopp, Eau Claire, Wis.
Alice Worth of Willow Brook 48235 (Imp.)—W. J. Royer to I. W. Schieber, Bucyrus, Ohio.
Amber of Broad Vista 64222—Morrill Bros. to C. B. Adams & Son, Kennebunkport, Maine.
Anighto 41703—H. W. Wigman to John Endicott, Birmingham, Mich.
Bambina 64804—Allic S. Knudson to W. W. Clark & M. H. Jackson, Grand Rapids, Wis.
Banner King's Beauty 60515—Mrs. George E. Holton to W. J. Royer, Orrville, Ohio.
Banner King's Beauty 60515—W. J. Royer to Ezra Good, Dalton, Ohio.
Beautiful Bess 53670—V. M. Kirkman to Thomas D. Hardin, Greensboro, N. C.
Beauty Hamilton 30992—E. E. Eshelman to E. B. Glass, Creston, Ohio.
Beauty of Sugar River 64809—Allic S. Knudson to W. W. Clark & M. H. Jackson, Grand Rapids, Wis.
Beauty of the Valley 50031—E. C. Hoff to A. I. Stubbs, West Salem. Wis.
Bella's May Rose 64842—E H. Moore to S. I. Murphy, Wawa, Pa.
Belle of St. Peter Port 53644 (Imp.)—F. I. Vander Beek to B. P. Craig. Glen Spey, N. Y.
Belle's Ceres of Guernsey and Mule Farm 28269—A. D. Ballard to James Howell Cummings, Wernersville, Pa.
Bell of Lily Lake 34572—George A. Brophy to C. S. Brantingham, Rockford, Ill.
Bertha of Stanford 48814—William B. Hall to J. Griswold Webb, Clinton Corners, N. Y.
Bessie Belle of Guernsey and Mule Farm 34040—A. D. Ballard to James Howell Cummings, Wernersville, Pa.
Bessie of Stanford 33659—William B. Hall to J. Griswold Webb, Clinton Corners, New York, N. Y.
Bessie III. of the Vauquiedor 22696 (Imp.)—Winthrop Cowdin to J. E. Russell, New York, N. Y.
Bess of Walnut Hill 64845—J. S. Walters & A. J. Stutzman to C. M. Enders, Wakarrusa, Indiana.
Bess of Willow Brook 58981—S. P. Zook to I. W. Schieber, Bucyrus, Ohio.
Beulah Adeline 42823—E. C. Hoff to A. I. Stubbs, West Salem, Wis.
Birdie of Riverside 24140—Andrew Knutson to P. N. Sandager, Hills, Minn.
Blanche Glenwood 2d 64805—Allic S. Knudson to W. W. Clark & M. H. Jackson, Grand Rapids, Wis.
Blanche Rilma 63080—Allic S. Knudson to Mrs. V. P. Norton, Grand Rapids, Wis.
Blue Bell's Conqueror's Wilburta 64847—Erwin Bros. to W. J. Royer, Orrville, Ohio.
Blue Bell's Conqueror's Wilburta 64847—W. J. Royer to Albert Hartzler, Orrville, Ohio.
Bonfire of Warriston 63026—S. I. Murphy to John A. Miller, Nazareth, Pa.
Bonnie Corene of Highland 64782—Clarence Shepard to Barnett Bros., Canonsburg, Pa.
Bonny Lass 36648—W. J. Royer to C. C. Stansberger, Massillon, Ohio.
Bud's Milk Channel 56405—W. J. Royer to Emmet Steiner, Orrville, Ohio.
Cadenza 59343—Helendale Farms to Charles S. Kirk, Stone Lake, Wis.
Calla Grove Cream Cup 56878—Joseph Levy to B. R. Bond, Kohala, Hawaii.
Casella of Middlevale 64863—Clarence A. Knapp to Robert A. Hevenor, Clinton Corners, N. Y.
Catania of Evergreens 63182—E. W. Brundage to George Chamberlin, Harford, Pa.
Celosia Dimple of Sugar River 64807—Allic S. Knudson to W. W. Clark & M. H. Jackson, Grand Rapids, Wis.
Celosia Glenwood 43899—Allic S. Knudson to Mrs. E. H. Lewis, Whitewater, Wis.
Celosia's Glenwood's Dorothy 64808—Allic S. Knudson to W. W. Clark & M. H. Jackson, Grand Rapids, Wis.
Charlotte's Empress of Rock 54575—John Hetts to East Louisiana Hospital for the Insane, Jackson, La.
Clara's Bonnie Bess of Claudalpin 63293—A. Heyward McAplin to J. L. Hope, Madison, N. J.
Compact's Mayflower 50203—E. C. Hoff to A. I. Stubbs, West Salem, Wis.
Corona Queen 61633—Cedarburg Canning Co. to John G. Burnham, Milwaukee, Wis.
Cotilda of Walnut Crest 64826—Clinton F. Rines to William H. Welch, Kennebunkport, Maine.
Country Queen 45539—Cedarburg Canning Co. to J. Gilbert Hickcox, Whitefish, Bay, Wis.
Daffodil of Maple Glen 41044—M. G. Keenan & F. L. Hotaling, to F. L. Hotaling, Oneonta, N. Y.
Daffodil of New Castle 51716—Winthrop Cowdin to J. E. Russell, New York, N.Y.
Dairy Maid of Pleasant View 3d 32154—J. M. Herring & Son to H. W. Wigman, Lansing, Mich.
Dairy Maid of Pleasant View 3d 32154—H. W. Wigman to R. G. Cotton, Lansing, Mich.
Dairy Queen of Guernsey and Mule Farm 3d 51017—A. D. Ballard to James Howell Cummings, Wernersville, Pa.
Daisy of Fritzlyn, 53990—G. B. Helmuth to Floyd Zeis, Tiffin, Ohio.
Daisy of New Castle 51329—Winthrop Cowdin to J. E. Russell, New York, N. Y.
Damosel of Wales 48144—Helendale Farms to W. W. Clark & M. H. Jackson, Grand Rapids, Wis.
Deanie's Darling 42562—G. B. Helmuth to I. W. Schieber, Bucyrus, Ohio.
Dimple Cynthia Bloom 62871—A. J. Snyder to Alex Macdonald, Blackstock, S. C.
Dimple Red of Edgemont 60900—G. B. Helmuth to David Rohrer, Orrville, Ohio.
Dimple's Beauty of Edgemont 61129—G. B. Helmuth to H. O. Gunder, Peoria, Ohio.
Dimple's Daisy of Edgemont 61130—G. B. Helmuth to Eby Bros., Wakarusa, Indiana.
Dollie's Rhodena 57 510—Saint Mary's Academy to Charles L. Berg, Bremen, Ind iana.
Dolly Warren Wood of Elmpines 42405—E. J. Raber to J. F. Rehm, Orrville, Ohio.
Dora's Lebanon Princess 37608—N. J. Hitchcock to George O. Spooner, Madison, N. Y.
Dora's Lebanon Princess's Eudamar 37611—N. J. Hitchcock to George O. Spooner, Madison, N. Y.
Dorcas of New Castle 50969—Winthrop Cowdin to J. E. Russell, New York, N. Y.
Doris of Brookside 56927—M. G. Keenan to F. L. Hotaling, Oneonta, N. Y.
Dorothy K.'s Glenwood Girl 59789—Allic S. Knudson to William Ehlert, Vesper, Wis.
Easter's Ruskin 62208—C. L. A. Whitney to Henry M. Sage, Albany, N. Y.
Edith Rose Bud 59403—Est. L. L. Davis to Louis A. Yaeger, Good Thunder, Minn.
Edith's Golden Nugget 34958—Edward Halsey to Charles F. Everson, Moravia, N. Y.
Edith's Queen of Darlington 59480—W. J. Royer to A. P. Warren, Elizabeth, Pa.
Elizabeth of the Grove 25089—T. H. Bowles to S. M. Shoemaker, Eccleston, Md.
Ella May of Chantilly 29676—Est. P. B. Housekeeper to T. H. Harlan, Elkton, Md.
Ellenwood Pride of Newside 57894—Harvey A. Hoffman to Joseph F. Diehl, Lehighton, Pa.
Elsie of Louis Corners 64827—F. F. Thielke to Arthur H. Thielke, Kiel, Wis.
Emeranda Rose Bud 43359—Est. L. L. Davis to Arthur Mitchell, Mankato, Minn.
Ethel of Stanford 50611—William B. Hall to J. Griswold Webb, Clinton Corners, N. Y.
Ethelynde of New Castle 64861—Winthrop Cowdin to J. E. Russell, New York, N. Y.
Evangeline's Midget 57511—Saint Mary's Academy to Charles L. Berg, Bremen, Indiana.
Fancy II. des Prevosts 61289 (Imp.)—G. B. Helmuth to H. C. Bradley, Ravenna, Ohio.
Fancy of Garfield 64793—Carl A. Hole to H. J. Krogwold, Amherst Junction, Wis.
Fanny of Guilberts 38392—Leon J. Delahaut to Alfred I. Stubbs, West Salem, Wis.
Fearless Girl of Wasteland 47800—L. L. Coggshall to M. J. Sherman, Pawlet, Vt.
Fernwood's Listo 44927—Rundell Bros. to E. E. Fahrney, Oshkosh, Wis.
Flora Bonjour 38454—Helendale Farms to W. W. Clark & M. H. Jackson, Grand Rapids, Wis.
Flora of Pomfret 40562—G. B. Helmuth to Jacob Meyers, Massillon, Ohio.
For-get-me-not Maid 3d 63844—Christ Muth to William L. Illian, Adell, Wis.
For-get-me-not of Prairie Side 49502—Harry & Pearl Armstrong to F. A. & F. H. Roper, Owego, N. Y.
Francesca of Edgewater 48655—F. G. Benham to C. L. Whiting, Avon, N. Y.
Frolic's Favorite 19981—W. G. Kingsbury to M. G. Keenan, Oneonta, N. Y.
Frolic's Queen Elizabeth 57652—Elizabeth Reynolds to M. G. Keenan, Oneonta, N. Y.
Gertrude of New Castle 43602—Winthrop Cowdin to J. E. Russell, New York, N. Y.
Gladys Rose Bud 52871—Est. L. L. Davis to Louis A. Yaeger, Good Thunder, Minn.
Glen Auric's Laura 60355—G. B. Helmuth to Jacob Rehm, Orrville, Ohio.
Glen Auric's Valeria 60354—G. B. Helmuth to Jacob Rehm, Orrville, Ohio.
Glenwood Beauty of Sugar River 64784—Allic S. Knudson to E. D. & J. McNair, Brodhead, Wis.
Glenwood Belle of Elderwood 50542—Mrs. Roy Burton to The Metropolitan Church Association, Waukesha, Wis.
Glenwood Bonny Rilma 59790—Allic S. Knudson to Mrs. V. P. Norton, Grand Rapids, Wis.
Glenwood Ceratina of Sugar River 64810—Allic S. Knudson to W. W. Clark, & M. H. Jackson, Grand Rapids, Wis.
Glenwood's Ethel of Kinderhook 46052—Howard McDaniels to L. L. Coggshall, Locke, N. Y.
Glenwood's Fairy Rose 37549—C. M. Palmer to Jared Van Wagenen, Jr., Lawyersville, N. Y.
Glenwood's Golden Gem 37808—Howard McDaniels to L. L. Cogshall, Locke, N. Y.
Glenwood's Polly Archer 63081—Helmuth & Raber to G. V. Steiner, Orrville, Ohio.
Gold Dust Twin 39785—G. B. Helmuth to J. A. Rigby, Mansfield, Ohio.
Golden Belle of Keewaydin 46005—E. H. Baker to A. C. Ramseyer, Smithville, Ohio.
Golden Diamond 57119—Miller & Helmuth to H. O. Gunder, Peoria, Ohio.
Golden Gleam 2d 30392—S. L. Dudley to A. I. Stubbs, West Salem. Wis.
Golden Lenore of Cauldalpin 63292—A. Heyward McAlpin to J. L. Hope, Madison, N. J.
Golden Noble's Greta 49149—Belcher, Brundage & Co. to Mrs. E. W. Brundage, Hop Bottom, Pa.
Golden Sally O. D. 44379—Delaware College to G. G. Hartley, Duluth, Minn.
Goldy of Richland 43561—H. W. Wigman to John M. Williams, North Adams, Mich.
Governor's Leonora Keewaydin 61893—E. H. Baker to A. C. Ramseyer, Smithville, Ohio.
Governor's Violet of Keewaydin 59986—E. H. Baker to A. C. Ramseyer, Smithville, Ohio.
Grand Duchess of Sunnyside 59086—G. B. Helmuth to C. Conkle, Layland, Ohio.
Grand Rapids of Sunnyside 2d 56718—G. B. Helmuth to C. Conkle, Laylan Ohio.
Gusta 61634—Cedarburg Canning Co. to John G. Burnham, Milwaukee, Wis.
Guydette of Hill and Dale 50523—Helendale Farms to Charles S. Kirk, Stone Lake, Wis.
Haldane's Blossom 64660—C. Jared Ingersoll to S. I. Murphy, Media, Pa.
Hannah of Maple Grove 61214—Charles A. Wussow to Louis Oesau, Chilton, Wis.
Harriet D. 64824—Henry Indra to Giles Anderson, Jackson, Minn.
Hattie of Tile Spring Farm 64803—Estate L. L. Davis to Louis A. Yaeger, Good Thunder, Minn.
Heroine of Fond du Lac 60584—B. F. Sheridan to F. W. Moergli, Chowchilla, Calif.
Hilda of Maryland 17418—George Eddy to E. A. Eddy, Malone, N. Y.
Hilda Pauline 57858—Charles S. Bartges to D. N. App, Selinsgrove, Pa.
Hildeswald 32201—G. B. Helmuth to V. Sidle, Wayland, Ohio.
Hole's Ella 48667—Est. A. A. Hole to Carl A. Hole, Amherst Junction, Wis.
Huckleberry 28957—Helendale Farms to W. W. Clark & M. H. Jackson, Grand Rapids, Wis.
Imperial's Jewel 51242—B. F. Sheridan to F. W. Moergli, Chowchilla, Calif.
Iredell Queen 64848—H. W. Linker to S. M. Goodman, Mooresville, N. C.
Isabel of Larkfield 35931—W. J. Royer to George W. Love, Garrettsville, Ohio.
Janet Rose Bud 38089—Est. L. L. Davis to W. R. Adams, Mankato, Minn.
Janette of Fond du Lac 64839—B. F. Sheridan to F. W. Moergli, Chowchilla, Calif.
Jeanette's Viola 43545—J. S. Walters & A. J. Stutzman to D. O. Burkholder, Nappanee, Indiana.
Jeannette of Somerset 32826—Helmuth & Royer to John M. Hinkle, Springfield, Ohio.
Jeshica Maid 49164—Cedarburg Canning Co. to J. Gilbert Hickcox, Whitefish Bay, Wis.
Jessica M. 54707—H. W. Wigman to G. W. Dickinson, Detroit, Mich.
Jessie of Fond du Lac 64840—B. F. Sheridan to F. W. Moergli, Chowchilla, Calif.
Jethro's Butter Girl of Prairie Side 44677—Harry & Pearl Armstrong to F. A. & F. H. Roper, Owego, N. Y.
Jethro's Golden Princess of Prairie Side 44676—Harry & Pearl Armsrtong to F. A. & F. H. Roper, Owego, N. Y.
Jewel Maplehurst 26582—M. H. Graham to C. D. Griswold, West Salem, Wis.
June Rambler of Sunnyside 59084—G. B. Helmuth to C. Conkle, Layland, Ohio.
Kalmia of Seven Elms Farm 64862—G. C. & W. C. Wilkins to George T. Greenhalgh, Pawtucket, R. I.
Kate of Willow Brook 58982—S. P. Zook to I. W. Schieber, Bucyrus, Ohio.

TRANSFERS OF GUERNSEY CATTLE

Kate Pie of Willow Brook 3d 55884—W. J. Royer to I. W. Schieber, Bucyrus, Ohio.
Katonah's Sunbeam 33433—E. T. Samuels to A. G. Stone, Ithaca, N. Y.
Kay's Topsy of Fairview 36503—H. W. Wigman to John Endicott, Birmingham, Mich.
Kremo's Choice 43730—B. E. Totten to F. C. Weir, Cortland, Ohio.
Lady Corella 61059—Walter Roemer to R. L. Pope & Son, Waupaca, Wis.
Lady Emma Ensor 46863—T. H. Bowles to S. M. Shoemaker, Eccleston, Md.
Lady Gay of Highland 64781—Clarence Shepard to Barnett Bros., Canonsburg, Pa.
Lady Margueretta 61060—Walter Roemer to R. L. Pope & Son, Waupaca, Wis.
Lady of Grafton 37519—Cedarburg Canning Co. to J. Gilbert Hickcox, Whitefish Bay, Wis.
Lady Ponchez of Willow Brook 58673—G. B. Helmuth to C. A. Gearhart, Bucyrus, Ohio.
Lake Shore Dandy 61513—Edward E. Clausing to J. R. Love, Waukesha, Wis.
Lake Shore Gem 61514—Edward E. Clausing to J. R. Love, Waukesha, Wis.
Lamont's Zelda 64813—W. C. Lamont to Henry S. Lamont, Cobleskill, N. Y.
Lena of Glenville 64063—W. J. Royer to C. A. Gearhart, Bucyrus, Ohio.
Letty Gretchen 46441—G. B. Helmuth to C. Conkle, Layland, Ohio.
Lillie of Tile Spring Farm 64801—Estate L. L. Davis to Louis A. Yaeger, Good Thunder, Minn.
Lillie Rose Bud 38090—Est. L. L. Davis to Arthur Mitchell, Mankato, Minn.
Lilly Fair of Elcho 42364—H. W. Reed to G. F. Sanborn, Eagle River, Wis.
Lily's Pearl 44931—Stark Bros. to Herman Stauske, Corinth, Wis.
Little Mable 28051—D. D. Bennett to Floyd Perkins, North Pitcher, N. Y.
Lizzie Rose Bud 59730—T. C. Norman to Sterling Wiggins, Lake Crystal, Minn.
Lleda's Masher's Lovedale of Farview 51598—M. G. Keenan to F. L. Hotaling, Oneonta, N. Y.
Lord Butterfield's Folly Girl 62398—H. W. Wigman to Gilmore Bros., Camden, Mich.
Lord Mar's White Lady 50719 (Imp.)—Belcher, Brundage & Co. to Mrs. E. W. Brundage, Hop Bottom, Pa.
Lotty of Pearl 27659—G. B.Helmuth to V. Sidle, Wayland, Ohio.
Lulu of Arcady 29549—J. Boyd Pantlind to J. K. Blatchford, Watervliet, Mich.
Mabel's 2d's Lady Bell 63700—J. I. Hereter to B. H. Welt, Waynesboro, Pa.
Mabel of Hawthorn 24363—J. I. Hereter to Ivan Reiley, Gettysburg, Pa.
Mabel of Oakland Farm 31124—J. I. Hereter to C. E. Martin, Waynesboro, Pa.
Madam France 38664—A. H. Burdick to Floyd P. Purdy, Tomah, Wis.
Madelia Rose Bud 45867—Est. L. L. Davis to W. R. Adams ,Mankato, Minn.
Madelia of Tile Spring Farm 64802—Est. L. L. Davis to Louis A. Yaeger, Good Thunder, Minn.
Madonnina 57512—Saint Mary's Academy to Charles L. Berg, Bremen, Ind.
Mae Dimple of Welliversville, 64799—J. Frank Kline to George W. Misgrave, Scranto, Pa.
Malinda of Randolph 42046—E. J. Czamanske to William Patrick, Randolph, Wis.
Masher's Gleam 69044—S. L. Dudley to H. W. Griswold, West Salem, Wis.
Masher's Lady 60696—S. L. Dudley to H. W. Griswold, West Salem, Wis.
Masher's May of Glenburnie 58803—James E. Russell to Charles Russell, Peekshill, N. Y.
Masher's Nora of Glenburnie 60840—James E. Russell to Edwin G. Woolley, Jr., Salt Lake City, Utah.
Maud Hopeful 10758—J. D. Gibson to John Ballein, Monongahela, Pa.
Mazoe's Maid of Bon Ayre 60364—W. J. Royer to J. C. Schuler, Millersburg, Ohio.
Mermaid of Red Barn Farm 61808—J. S. Yoder to W. J. Royer, Orrville, Ohio.
Mermaid of Red Barn Farm 61808—W. J. Royer to C. C. Stansberber, Massillon, Ohio.
Mill Rose 35250 (Imp.)—G. A. Cluett to G. L. Boughton, South Easton, N. Y.
Minnie of Sarnia 40211 (Imp.)—A. W. & F. E. Fox to W. A. and R. E. Freehoff, Waukesha, Wis.
Miranda of the Rouvets 41622 (Imp.)—G. B. Helmuth to J. A. Rigby, Mansfield, Ohio.
Miranda Smith of Homestead 24133—W. R. Nesbit to J. E. Dufford, Butler, Pa.
Miss Beatrice of Edgewater 63726—F. G. Benham to S. J. Way, Churchville, N. Y.
Miss Bess's May 64666—Charles S. Bartges to Charles T. Crust, Center Hall, Pa.
Miss Elsie of Edgemont 56987—G. B. Helmuth to H. C. Bradley, Ravenna, Ohio.
Miss Harvest 47564—Lewis H. McGrath to R. M. Aplin, Dousman, Wis.
Missie of Linwood 46288—W. H. Linker to T. W. Kistler, Mooresville, N. C.
Miss L. of Edgewater 51424—F. G. Benham to W. Pitt Parker, Moravia, N. Y.
Miss Redy 2d 28842—E. A. Eddy to G. A. Marshall, Madrid Springs, N. Y.
Missy of Prairie Side 39963—Harry & Pearl Armstring to F. A. & F. H. Roper, Owego, N. Y.
Mixter Fawn of Bon Ayre 62790—H. W. Wigman to Gilmore Bros., Camden, Mich.
Mixter Genelva of Bon Ayre 62787—H. W. Wigman to G. W. Dickinson. Detroit, Mich.
Mixter Mildred of Bon Ayre 62785—H. W. Wigman to H. Byron Scott, Grosse Ile, Mich.
Mixter Princess of Bon Ayre 62791—H. W..Wigman to Gilmore Bros., Camden, Mich.
Modena's May Rose 64841—E. H. Moore to S. I. Murphy, Wawa, Pa.
Moss Rose of the Gateways 64343—Arthur W. Wellington to Charles C. Abbot, Waterbury, Vermont,.
Murrell of Keewaydin 48735—E. H. Baker to A. C. Ramseyer, Smithville, Ohio.
Nancy's Pride of Level View 47671—Frank Grimm to Earl Olson, Almond, Wis.
Nankette's Diana 43547—J. S. Walters & A. J. Stutzman to D. O. Burkholder, Nappanee, Indiana.
Nellie Bly of Monroe Farm 59087—G. B. Helmuth to C. Conkle, Layland, Ohio.
Nixon's Ideal Clatford Maid 36572—H. W. Wigman to Frank Carter, Detroit, Mich.
Nixon's Lady Patty 37338—H. W. Wigman to Charles Munger, Otisville, Mich.
Northwest's Flora of Grassmere 64851—Helendale Farms to W. W. Clark & M. H. Jackson, Grand Rapids, Wis
Novice 2d 19705—Geo. A. Brophy to C. S. Brantingham, Rockford, Ill.
Ohio Rosebud 3d 35185—Ohio State University to A. P. McCombs & Son Westerville, Ohio.
Olive Glenwood 48449—G. B. Helmuth to C. Conkle, Layland, Ohio.
Orvieto 2d 18712—Winthrop Cowdin to J. E. Russell, New York, N. Y.
Panama Lad's Rochelle 50718—Belcher, Brundage & Co., to Mrs. E. W. Brundage, Hop Bottom, Pa.
Pauline of Catulus 54576—E. T. Samuels to A. G. Stone, Ithaca, N. Y.
Pearl's Maid of Honor 52034—Helendale Farms to Charles S. Kirk, Stone Lake, Wis.
Pearl White of Willow Brook 58980—S. P. Zook to I. W. Schieber, Bucyrus, Ohio.
Peggy Hayes 34423—Albert C. Loring to C. Bruce Boody, Linwood, Minn.
Phyllis of Waddington 43412—H. E. Babcock to C. H. Jennings, Towanda, Pa.
Pleasant Rose 63864—A. E. Greenfield to E. S. Person, Minot, N. Dak.
Pollyanna Rose Bud 61332—Est..L. L. Davis to Louis A. Yaeger, Good Thunder, Minn.
Pretoria's Antoinette 32797—H. R. Morsely to Palo Alto Stock Farms, Inc., Palo Alto, Calif.
Pride Hayes 44298—M. F. Whithed to W. C. Baker, Guilford, Vt.
Pride of Clearwater Lake 59308—H. W. Reed to G. F. Sanborn, Eagle River, Wis.
Pride of the Hills 5th 63846—Christ Muth to Oscar Herdrick, Loyal, Wis.
Prince's Bonnie Maid 49730—William Root to George M. Tallman, Montoursville, Pa.
Princess Amelia of La Grange 53672—V. M. Kirkman to Thomas D. Hardin, Greensboro, N. C.
Princess Janet of Bon Ayre 60363—W. J. Royer to J. C. Schuler, Millersburg, Ohio.
Princess Louise of Meadow Brook 64844—Albert B. Cleveland, to E. B. Hicks, Middle Granville, N. Y.
Princess Lynette 61494—E. T. Samuels to A. G. Stone, Ithaca, N. Y.
Princess of Fond du Lac 55253—B. F. Sheridan to F. W. Moergli, Chowchilla, Calif.
Priscilla Garland 64786—Charles M. Whitcomb to Charles O. Garland, Lakewood, Maine.
Psyche Pinchez 34809—Geo. A. Brophy to C. S. Brantingham, Rockford, Ill.
Queen Dorothy of Farmington 55814—L. C. McClintock to H. W. Griswold, West Salem, Wis.
Queen Dorothy of Farmington 55814—H. W. Griswold to A. G. Stone, Ithaca, N. Y.
Queen of Rose 64838—Grank Grimm to Clarence Olson, Almond, Wis.
Queen Sappho 39712 (Imp.)—Emmet Steiner to Bert Weygandt, Marshallville, Ohio.
Rathlene M. 54549—H. W. Wigman to G. W. Dickinson, Detroit, Mich.
Raymond's Bella of Chester 50212 (Imp.)—Belcher, Brundage & Co., to Mrs. E. W. Brundage, Hop Bottom, Pa.
Raymond's Lady Bimba 64073—E. W. Brundage to George Chamberlin, Harford, Pa.
Raymond's Persuasion of Elm Tree Farm 60669—E. W. Brundage to George Chamberlin, Hartford, Pa.
Raymond's Topaz of Fritzlyn 58651—Est. Myron C. Wick to A. C. Ramseyer, Smithville, Ohio.
Red Rose of Willow Brook 58983—S. P. Zook to I. W. Schieber, Bucyrus, Ohio.
Red Unis Nettie of Prairie Side 38049 (Imp.)—Harry & Pearl Armstrong to F. A. & F. H. Roper, Owego, N. Y.
Regetta Spotty 53077—E. J. Czamanske to William Patrick, Randolph, Wis.
Richesse Rhea of the Chene Farm 47905 (Imp.)—E. H. Baker to A. C. Ramseyer, Smithville, Ohio.
Richmond Eschalys 18823—C. B. Webster to W. J. Houmes, Lock Springs, Mo.
Robert's Beauty 63346—J. S. Yoder to W. J. Royer, Orrville, Ohio.
Robert's Boy's Lady of Salem 49463—E. T. Samuels to A. G. Stone, Ithaca, N. Y.
Robert's Selina 63345—J. S. Yoder to W. J. Royer, Orrville, Ohio.
Rosalind's Princess of Fairview 64194—John H. Wheat & Son to Otto W. Post, Ensenore, N. Y.
Rose of Deep Dale 55913—William H. Murphy to Alexander W. Copland, Detroit, Mich.
Rose of New Delta 63662—J. J. McDaniel to J. W. Player, Elliott, S. C.
Rose of Wildwood 33604—Mrs. Amanda S. Caldwell to R. Lee Magness, Emmorton, Md.
Rosetta Puritan of Linwood 44690—G. B. Helmuth to C. Conkle, Layland, Ohio.
Rose Washington 42978—Edward Halsey to Charles F. Everson, Moravia, N. Y.
Ruby Payne's Fantasia of Mt. Peerless 64317—M. L. Reed to Frank Metz, Freedom, Pa.
Schneeflocke 56048—Cedarburg Canning Co. to John G. Burnham, Milwaukee, Wis.
Secret's Queen of Edgewater 45188—F. G. Benham to W. Pitt Parker. Moravia, N. Y.
Selma Marie 57724—J. S. Yoder to W. J. Royer, Orrville, Ohio.
Selma Marie 57724—W. J. Royer to C. C. Stansberger ,Massillon, Ohio.
Sequel's Coralie 24949—Edward Halsey to Charles F. Everson, Moravia, N. Y.
Sequel's Rose of Fritzlyn 2d 51501—G. B. Helmuth to H. O. Gunder, Peoria, Ohio.
Shamrock of Meadowlands 29869—Est. S. W. Applegate to F. M. Reed, Wilson, Pa.
Snowball of Indian Creek 2d 63847—Christ Muth to Oscar Herdrich, Loyal, Wis.
Somalind Glenwood 57389—Stark Bros., to Herman Stauske, Corinth, Wis.
Souvenir's Beatrice of Keewaydin 2d 64081—E. H. Baker to A. C. Ramseyer, Smithville, Ohio.
Souvenir's Figtree Leaf of Keewaydin 53318—E. H. Baker to A. C. Ramseyer, Smithville, Ohio.
Spring Babe of Mt. Peerless 64316—M. L. Reed to H. M. Matthews, Canonsburg, Pa.
Stanley's June of Mt. Peerless 64401—M. L. Reed to Frank Metz, Freedom, Pa.
Sukey Tucker 20684—G. W. Sutherlin to Dave McComas, Kansas City, Mo.
Sukey Tucker's Emma 52229—G. W. Sutherlin to Dave McComas, Kansas City, Mo.
Theda Endymion of Maplewood 63448—J. B. McLeran to S. C. Wilson, Clarkfield, Minn.
Thirza's Lucky Star 2d 41935—D. D. Bennet to Floyd Perkins, North Pitcher, N. Y.
Trenton Maid 63030—B. C. Graves to Miss Lillian Washburn, Lisbon Falls, Maine.
Una of Guernsey and Mule Farm 39801—A. D. Ballard to James Howell Cummings, Wernersville, Pa.
Velora 24503—Est. P. B. Housekeeper to Henry T. Reynolds, Rising Sun, Md.
Vera of Cancroft 59470—John M. Donohoe to Eugene Woodward, Marshallton, Del.
Vernie of Stanford 64659—William B. Hall to George S. Love & Sons, Waukesha, Wis.
Village Girl of Haddon 2d 28840—George Eddy to E. A. Eddy, Malone., N. Y.
Village Lassie 3d 46694—A. H. Burdick to F. R. Allen, Ithaca, N. Y.
Violet Main Stay of Stafford 64852—W. H. Stone to Howard and Persis Bell, Stafford, N. Y.
Violet of Fritzlyn 58649—Est. Myron C. Wick to A. C. Ramseyer, Smithville, Ohio.
Violet of Locust Hill 3d 64812—R. A. Naginey to R. H. Morrison, Burghill, Ohio.
Violet's Choice 2d 64811—R. A. Naginey to R. H. Morrison, Burghill, Ohio.
Warriston's Rose 63027—S. I. Murphy to John A. Miller, Nazareth, Pa.
Warriston's Starlight 64308—C. Jared Ingersoll to S. I. Murphy, Media, Pa.
Wern's Rose 31411—A. E. Greenfield to A. C. Erb, Minot, N. Dak.
Wilburta 43763—Erwin Bros. to W. J. Royer, Orrville, Ohio.
Wilburta 43763—W. J. Royer to Albert Hartzler, Orrville, Ohio.
Woodrow's Queen Victoria 64667—Charles S. Bartges to D. N. App, Selinsgrove, Pa.
Yosemite 31218—Helendale Farms to Charles S. Kirk, Stone Lake, Wis.
Yukonia 62288—S. I. Murphy to John A. Miller, Nazareth, Pa.

LANGWATER FARMS

F. LOTHROP AMES, Owner



Langwater Charity 38605

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Langwater Farms have not made a practice of showing extensively, bu the following results:

In **1912** at the National Dairy Show, Brockton Fair and Framingham Guernsey Show they won:

Thirty-nine firsts Sixteen seconds Twenty-two thirds Nine fourths Four fifths Three sixt

Senior Champion, Grand Champion, Junior Champion and Reserve Champion Bull, Framingham Guernsey show.
Senior Champion and Grand Champion Cow, Framingham Guernsey show.
Senior Champion, Grand Champion, Junior Champion and Reserve Champion Bull, Brockton Fair.
Senior Champion, Grand Champion, Junior Champion and Reserve Champion Cow, Brockton Fair.
Senior Champion, Grand Champion and Junior Champion Bull, National Dairy Show.
Junior Champion Female National Dairy Show.

TROPHIES. **Framingham Guernsey Show.** Linda Vista Farm Trophy for the best female bred by Exhibitor.
George T. Howland Trophy for the best four cows in milk over 3 years.
Fillmore Farms Trophy, for the best cow and two of her produce.
Langwater Farms Trophy for Premier Breeder.
Grasslands Farms Cup, for aged cow with highest number of points.
Burnside Farms Cup for young cow with highest number of points.

In 1914 at the Nati

Eight firsts, Seven seconds, Three thirds, Three fourths, Five fifths, Two sixths. A. G. C. C. Trophy for P

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